<?xml version="1.0" encoding="UTF-8"?>

<SEQ xmlns="http://namespace.continental-automotive.com/tt/utas/persistence/sequence" xmlns:a="http://schemas.microsoft.com/2003/10/Serialization/Arrays" xmlns:i="http://www.w3.org/2001/XMLSchema-instance" seqVersion="0.5.0">

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<ID>setup.1</ID>

<N>Define standard conditions</N>

<TSs>

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<SC>sys</SC>

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<a:string>vision</a:string>

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<a:string>sound</a:string>

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<AAI>9</AAI>

<AEI>9</AEI>

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</Ts>

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<bAEI>9</bAEI>

<eAEI>-2</eAEI>

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<ID>setup.2</ID>

<N>Set little endian for byte conversions</N>

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<SC>sys</SC>

<C>change\_setting</C>

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<a:string>InternalCommands.cfg\_set.cfg\_group.conversion\_order</a:string>

<a:string>LE</a:string>

</P>

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<N>1\_HMI - Display position and components for Atemp</N>

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<a:string>tp</a:string>

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<C>set\_env</C>

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<a:string>Update\_ATemp</a:string>

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<AT>tempATP\_filt</AT>

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<a:string>Read\_ATP\_filtered\_C</a:string>

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<C>check\_if</C>

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<a:string>tempATP\_filt==-0.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<C>ask\_tester</C>

<P>

<a:string>"Is it true that Atemp value, unit and sign -0.5°C is displayed on the right, down part of the display?"</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to -0.5\'b0C (set 16325 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check Atemp position on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch {\\*\shppict{\pict\picwgoal2220\pichgoal915\pngblip&#xD;

}}}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<N>1\_HMI - Atemp behavior in all states</N>

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<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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</P>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<C>delay</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<a:string>SetState\_PARKEN\_nIO</a:string>

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<a:string>SetState\_STAND</a:string>

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<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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</P>

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<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

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<C>ask\_tester</C>

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<a:string>"Is it true that Atemp value is displayed Wohnen?"</a:string>

</P>

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<C>ask\_tester</C>

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<a:string>"Is it true that Atemp value is displayed Fb\_h state?"</a:string>

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<AAI>24</AAI>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<LN>24</LN>

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<C>delay</C>

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<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>"Is it true that Atemp value is displayed Fahren?"</a:string>

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<AAI>27</AAI>

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<C>call\_macro</C>

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<LN>27</LN>

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</P>

<LN>28</LN>

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<C>ask\_tester</C>

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</P>

<LN>29</LN>

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<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<LN>30</LN>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to +10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Parken nIO state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Parken IO state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set Stand state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Set Wohnen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Set Fb\_b state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. Set Fahren state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 8. Set Fb\_h state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Atemp value is not displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Atemp value is not displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Atemp value is not displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Atemp value is displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Atemp value is displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. Atemp value is displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 8. Atemp value is displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_707</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<CH>1\_HMI</CH>

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<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>31</bAAI>

<bAEI>31</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_3]</ID>

<N>1\_HMI - Atemp unit is Celsius (°C) when PIA\_KI\_EINHEIT\_A\_TEMPERATUR =1</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>PIA\_KI\_EINHEIT\_A\_TEMPERATUR</a:string>

<a:string>01</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>Performe a trace for CAN msg 336h</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_23A\_NO\_KEY\_PRSL\_IMME</a:string>

<a:string>1</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

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<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

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<LOC>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<LOC>

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<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

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<LOC>

<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Atemp value on cluster's display is 10 and the unit is °C?"</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>DISP\_TEMP\_EX</a:string>

<a:string>dec</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp2</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>ST\_UN\_TEMP\_KI</a:string>

<a:string>dec</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp2==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Value not correct</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code PIA\_KI\_EINHEIT\_A\_TEMPERATUR to 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Performe a trace for CAN msg 336h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Profile 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0 (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check Atemp on display }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check the values send via CAN in msg. ID 366h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. In msg. ID 366, signal DISP\_TEMP\_EX has value 10 and signal ST\_UN\_TEMP\_KI has value 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_4]</ID>

<N>1\_HMI - Atemp unit is Fahrenheit (°F) when when PIA\_KI\_EINHEIT\_A\_TEMPERATUR =2</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>PIA\_KI\_EINHEIT\_A\_TEMPERATUR</a:string>

<a:string>02</a:string>

</P>

<LN>3</LN>

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<SC>sys</SC>

<C>warn\_tester</C>

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<a:string>Performe a trace for CAN msg 336h</a:string>

</P>

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<SC>sys</SC>

<C>set\_env</C>

<P>

<a:string>E\_23A\_NO\_KEY\_PRSL\_IMME</a:string>

<a:string>2</a:string>

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<LN>5</LN>

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<AAI>6</AAI>

<AEI>6</AEI>

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<C>delay</C>

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<AEI>7</AEI>

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<SC>sys</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys</SC>

<C>delay</C>

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<AEI>10</AEI>

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<LOC>

<SC>sys</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_F</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<LOC>

<SC>sys</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>no\_vision</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Atemp value on cluster's display is 50 and the unit is °F?"</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>DISP\_TEMP\_EX</a:string>

<a:string>dec</a:string>

</P>

<LN>13</LN>

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<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys</SC>

<C>check\_if</C>

<P>

<a:string>temp1==50</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys</SC>

<C>get\_signal</C>

<AT>temp2</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>ST\_UN\_TEMP\_KI</a:string>

<a:string>dec</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys</SC>

<C>check\_if</C>

<P>

<a:string>temp2==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Value not correct</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>sys</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>PIA\_KI\_EINHEIT\_A\_TEMPERATUR</a:string>

<a:string>01</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code PIA\_KI\_EINHEIT\_A\_TEMPERATUR to 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Performe a trace for CAN msg 336h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Profile 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 50\'b0F (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check Atemp on display }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check the values send via CAN in msg. ID 366h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. In msg. ID 366, signal DISP\_TEMP\_EX has value 50 and signal ST\_UN\_TEMP\_KI has value 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>1\_HMI</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>18</bAAI>

<bAEI>18</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_5]</ID>

<N>1\_HMI - Atemp unit different than the coded value - Celsius</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

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<ANI>4</ANI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>Performe a trace for CAN msg 336h</a:string>

</P>

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<ANI>5</ANI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>PIA\_KI\_EINHEIT\_A\_TEMPERATUR</a:string>

<a:string>01</a:string>

</P>

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<ANI>6</ANI>

<AEI>6</AEI>

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<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Atemp is on cluster's display the unit is °C?"</a:string>

</P>

<LN>6</LN>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_23A\_NO\_KEY\_PRSL\_IMME</a:string>

<a:string>0</a:string>

</P>

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<a:string>2</a:string>

</P>

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<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_F</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Atemp is on cluster's display and the unit is °F (50°F)?"</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>DISP\_TEMP\_EX</a:string>

<a:string>dec</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<C>check\_if</C>

<P>

<a:string>temp1==50</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<AAI>15</AAI>

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<C>get\_signal</C>

<AT>temp2</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>ST\_UN\_TEMP\_KI</a:string>

<a:string>dec</a:string>

</P>

<LN>15</LN>

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<AAI>16</AAI>

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<C>check\_if</C>

<P>

<a:string>temp2==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Value not correct</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Performe a trace for CAN msg 336h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0 (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code PIA\_KI\_EINHEIT\_A\_TEMPERATUR to 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check }{\ltrch Atemp on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Profile 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set from CIC\_RAD panel the unit for Atemp to Fahrenheit}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check Atemp on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check values send via CAN in msg. ID 366h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. The unit for Atemp on display is Celsius}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. The unit for Atemp on display is Fahrenheit and value on cluster is 50\'b0F.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. In CAN msg ID 366h, signal DISP\_TEMP\_EX has value 50 and signal ST\_UN\_TEMP\_KI has value 1.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_8673</V>

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<RDT>SWReqSpec</RDT>

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<F>Yes</F>

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<RSS />

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<CH>1\_HMI</CH>

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</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_6]</ID>

<N>1\_HMI - Atemp unit different than the coded value - Fahrenheit</N>

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<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<ID>1</ID>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>Performe a trace for CAN msg 336h</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AAI>3</AAI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>9949</a:string>

</P>

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<P>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>PIA\_KI\_EINHEIT\_A\_TEMPERATUR</a:string>

<a:string>02</a:string>

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<LN>6</LN>

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<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>"Is it true that the unit for Atemp on display is Fahrenheit?"</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_23A\_NO\_KEY\_PRSL\_IMME</a:string>

<a:string>2</a:string>

</P>

<LN>8</LN>

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<AAI>9</AAI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<C>check\_if</C>

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<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

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<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Atemp value on cluster's display is 10 and the unit is °C?"</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>DISP\_TEMP\_EX</a:string>

<a:string>dec</a:string>

</P>

<LN>13</LN>

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<a:string>temp1==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<AAI>15</AAI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp2</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>ST\_UN\_TEMP\_KI</a:string>

<a:string>dec</a:string>

</P>

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<C>check\_if</C>

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<a:string>temp2==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Value not correct</a:string>

</P>

<LN>16</LN>

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<a:string>PIA\_KI\_EINHEIT\_A\_TEMPERATUR</a:string>

<a:string>01</a:string>

</P>

<LN>17</LN>

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}&#xD;

}</DO>

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{\f2 {\ltrch Performe a trace for CAN msg 336h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0 (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code PIA\_KI\_EINHEIT\_A\_TEMPERATUR to 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check Atemp on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Profile 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set from CIC\_RAD panel the unit for Atemp to Celsius}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check Atemp on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check values send via CAN in msg. ID 366h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. The unit for Atemp on display is Celsius and the Atemp value on cluster is 10\'b0C.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. In CAN msg ID 366h, signal DISP\_"TEMP\_EX" has value 10 and signal ST\_UN\_TEMP\_KI has value 0.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_8673</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<eAEI>-2</eAEI>

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<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

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<ID>1</ID>

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<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

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<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

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<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

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<C>delay</C>

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<a:string>1000</a:string>

</P>

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<AAI>5</AAI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Atemp value is displayed with no leading zeros and the value is 10.0°C?"</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to +10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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}&#xD;

}</EE>

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<V>40\_174</V>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>1\_HMI</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>11</bAAI>

<bAEI>11</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_8]</ID>

<N>1\_HMI - Sign in front of the first digit</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

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<a:string>SetState\_PRUEFEN</a:string>

</P>

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<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<C>delay</C>

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<a:string>2000</a:string>

</P>

<LN>7</LN>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that the "+" sign is displayed in front of the first digit?</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>35800</a:string>

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<AAI>15</AAI>

<AEI>15</AEI>

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<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==-15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AEI>20</AEI>

</LOC>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that the "-" sign is displayed in front of the first digit?</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set Atemp value to +10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Atemp value to -15\'b0C (set 35800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. The "+" sign is displayed in front of the first digit}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. The "-" sign is displayed in front of the first digit}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_175</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<CH>1\_HMI</CH>

<OBSOLETE>

<OTP>

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<eANI>-1</eANI>

<bAAI>22</bAAI>

<bAEI>22</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_14]</ID>

<N>1\_HMI - No sign displayed when Atemp value is 0°</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>2</a:string>

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<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

</P>

<LN>4</LN>

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<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

</P>

<LN>6</LN>

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<AAI>7</AAI>

<AEI>7</AEI>

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<LOC>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>16100</a:string>

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<AAI>8</AAI>

<AEI>8</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

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<AEI>9</AEI>

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<LOC>

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<C>delay</C>

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</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==0</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that 0.0°C is displayed with no sign?</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

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<LN>13</LN>

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<a:string>43000</a:string>

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<AAI>15</AAI>

<AEI>15</AEI>

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<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

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<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>16</LN>

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<AAI>17</AAI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_F</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<C>check\_if</C>

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<a:string>tempATP\_filt==0</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>no\_vision,USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that 0°F is displayed with no sign?</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<LOC>

<SC>sys,USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set Atemp to 0.0\'b0C (set 16300 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Change Atemp unit to Fahrenheit and set Atemp to 0\'b0F (set 43000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. 0\'b0F is displayed with no sign}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>1\_HMI</CH>

<OBSOLETE>

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<eANI>-1</eANI>

<bAAI>21</bAAI>

<bAEI>21</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_9]</ID>

<N>1\_HMI - Atemp value resolution for Celsius Unit and range of values</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

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<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempTestCounter</AT>

<P>

<a:string>0</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempOhmValue</AT>

<P>

<a:string>1800</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempRowIndex</AT>

<P>

<a:string>0</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>read\_test\_parameters</C>

<P>

<a:string>SSTS\_Gen5CI\_ATP.xlsm</a:string>

<a:string>Displayed\_values\_for\_C</a:string>

<a:string>by\_cols</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>5000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>reverse\_stack\_order</C>

<P>

<a:string>stackOhmValue</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>read\_test\_parameters</C>

<P>

<a:string>Parameterization\_ATP.xlsx</a:string>

<a:string>1\_Displayed\_values\_for\_C</a:string>

<a:string>by\_cols</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>for\_each</C>

<P>

<a:string>tempValue</a:string>

<a:string>stackOhmValue</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>29</AAI>

<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempRowIndex3</AT>

<P>

<a:string>tempRowIndex+3</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCounter3</AT>

<P>

<a:string>tempTestCounter+3</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>tempValue</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempDisplayedValue</AT>

<P>

<a:string>tempATemp</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester\_input</C>

<AT>tempDisplayedValue</AT>

<P>

<a:string>write the Atemp value displayed on cluster</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"write\_excel\_cell: Displayed\_values\_for\_C,tempCounter3,4,tempDisplayedValue"</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"read\_excel\_cell: tempTolerance=Displayed\_values\_for\_C,tempRowIndex3,7"</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>format\_into\_string</C>

<AT>tempResult</AT>

<P>

<a:string>"Atemp value not correct: "+tempDisplayedValue</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempTolerance=="OK"</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>tempResult</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempRowIndex</AT>

<P>

<a:string>tempRowIndex+1</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempTestCounter</AT>

<P>

<a:string>tempTestCounter+1</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>fend</C>

<P />

<LN>28</LN>

<ANI>29</ANI>

<AAI>11</AAI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

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{\f2 {\ltrch The range of values is between -40.0\'b0C to +50.0\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value according column "OhmValue" to Displayed\_values\_for\_C parameterization sheet}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-79}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_1863</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<LNK>

<V>40\_1864</V>

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<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_1862</V>

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<S>CHK</S>

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<LT>Functional</LT>

<F>Yes</F>

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<NFT>No</NFT>

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<TDS />

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<bAEI>31</bAEI>

<eAEI>-2</eAEI>

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<N>1\_HMI - Atemp value resolution for Fahrenheit Unit and range of values</N>

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<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>2</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempTestCounter</AT>

<P>

<a:string>0</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempOhmValue</AT>

<P>

<a:string>1800</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempRowIndex</AT>

<P>

<a:string>0</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>read\_test\_parameters</C>

<P>

<a:string>SSTS\_Gen5CI\_ATP.xlsm</a:string>

<a:string>Displayed\_values\_for\_F</a:string>

<a:string>by\_cols</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>5000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>reverse\_stack\_order</C>

<P>

<a:string>stackOhmValue</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>read\_test\_parameters</C>

<P>

<a:string>Parameterization\_ATP.xlsx</a:string>

<a:string>1\_Displayed\_values\_for\_F</a:string>

<a:string>by\_cols</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>for\_each</C>

<P>

<a:string>tempValue</a:string>

<a:string>stackOhmValue</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>30</AAI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempRowIndex3</AT>

<P>

<a:string>tempRowIndex+3</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCounter3</AT>

<P>

<a:string>tempTestCounter+3</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>tempValue</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempDisplayedValue</AT>

<P>

<a:string>tempATemp</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempDisplayedValue</AT>

<P>

<a:string>tempDisplayedValue\*1.8+32</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

</LOC>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester\_input</C>

<AT>tempDisplayedValue</AT>

<P>

<a:string>write the Atemp value displayed on cluster</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"write\_excel\_cell: Displayed\_values\_for\_F,tempCounter3,4,tempDisplayedValue"</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

</P>

<LN>23</LN>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"read\_excel\_cell: tempTolerance=Displayed\_values\_for\_F,tempRowIndex3,7"</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>format\_into\_string</C>

<AT>tempResult</AT>

<P>

<a:string>"Atemp value not correct: "+tempDisplayedValue</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempTolerance=="OK"</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>tempResult</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempRowIndex</AT>

<P>

<a:string>tempRowIndex+1</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempTestCounter</AT>

<P>

<a:string>tempTestCounter+1</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>fend</C>

<P />

<LN>29</LN>

<ANI>30</ANI>

<AAI>11</AAI>

<AEI>30</AEI>

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<C>delay</C>

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<a:string>3000</a:string>

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<LN>30</LN>

<ANI>31</ANI>

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<AEI>31</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

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{\f2 {\ltrch The range of values is between -40\'b0F to +122\'b0F}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value according to Displayed\_values\_for\_F parameterization sheet}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Atemp value resolution is 1\'b0F and the range of values is between -40\'b0F to +122\'b0F}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-79}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<LNK>

<V>40\_1864</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<V>40\_1862</V>

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<LT>Functional</LT>

<F>Yes</F>

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<NFT>No</NFT>

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<CH>1\_HMI</CH>

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<eANI>-1</eANI>

<bAAI>32</bAAI>

<bAEI>32</bAEI>

<eAEI>-2</eAEI>

</OTP>

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</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_11]</ID>

<N>1\_HMI - Atemp value out of range</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>480000</a:string>

</P>

<LN>3</LN>

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<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp value is -40°C?</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>2</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_F</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-40</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp value is -40°F?</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>1000</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp value is +50°C?</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>2</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>23</LN>

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<AAI>24</AAI>

<AEI>24</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_F</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==122</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp value is +122°F?</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

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</T>

</Ts>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set from resistance decade on 480000 ohm}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set unit to Celsius and check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set unit to Fahrenheit and check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set from resistance decade on 1000 ohm}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set unit to Celsius and check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set unit to Fahrenheit and check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Atemp value is -40\'b0F}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Atemp value is +50\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Atemp value is +122\'b0F}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_8680</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>1\_HMI</CH>

<OBSOLETE>

<OTP>

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<bAEI>28</bAEI>

<eAEI>-2</eAEI>

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</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_12]</ID>

<N>1\_HMI - Unit has a fixed item</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the display takes place right-justified, i.e. the unit has a fixed item?"</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that the unit has a fixed item}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to +10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch The display takes place right-justified, i.e. the unit has a fixed item.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_16565</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>1\_HMI</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>8</bAAI>

<bAEI>8</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_13]</ID>

<N>1\_HMI - Influence of coding GLOBAL\_LAYOUT\_VARIANTE</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>GLOBAL\_LAYOUT\_VARIANTE</a:string>

<a:string>00</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Atemp is displayed on the right, down part of the display?"</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>GLOBAL\_LAYOUT\_VARIANTE</a:string>

<a:string>01</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Atemp is displayed easily shifted?"</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>GLOBAL\_LAYOUT\_VARIANTE</a:string>

<a:string>00</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Atemp is displayed is easily shifted to the initial position?"</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing the influence of coding GLOBAL\_LAYOUT\_VARIANTE over display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to +10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code GLOBAL\_LAYOUT\_VARIANTE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code GLOBAL\_LAYOUT\_VARIANTE to 1 (M-GmbH)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code GLOBAL\_LAYOUT\_VARIANTE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check Atemp value on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Atemp is displayed on the right, down part of the display.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Atemp is displayed is easily shifted}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Atemp is displayed is easily shifted to the initial position}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch During this shifted process no pixel error, no flicker or cutting text were noticed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_20227</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>1\_HMI</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>13</bAAI>

<bAEI>13</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_99]</ID>

<N>1\_HMI - Displayed value for CC ID 165d - Warmland</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ST\_DISP\_KI</a:string>

<a:string>ST\_NO\_CC\_MESS\_DISP</a:string>

<a:string>dec</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_not\_active</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>CC ID 165d is active and value displayed is "+2°C"?</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>21165</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ST\_DISP\_KI</a:string>

<a:string>ST\_NO\_CC\_MESS\_DISP</a:string>

<a:string>dec</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_not\_active</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>CC ID 165d is active and value displayed is "-5°C"?</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>2</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ST\_DISP\_KI</a:string>

<a:string>ST\_NO\_CC\_MESS\_DISP</a:string>

<a:string>dec</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_not\_active</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>CC ID 165d is active and value displayed is "+23°F"?</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>48535</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ST\_DISP\_KI</a:string>

<a:string>ST\_NO\_CC\_MESS\_DISP</a:string>

<a:string>dec</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_not\_active</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>CC ID 165d is active and value displayed is "-4°F"?</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

</LOC>

</LOCs>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade) and check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Decrease Atemp value to -5\'b0C (set 21165 ohm using a resistance decade) and check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set the unit for Atemp to Fahrenheit }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set Atemp value to -4\'b0F (set 48535 ohm using a resistance decade) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. CC ID 165d is active and value displayed is "-5\'b0C"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is active and value displayed is "+23\'b0F"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. CC ID 165d is active and value displayed is "-4\'b0F"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>9949</a:string>

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<a:string>ST\_NO\_CC\_MESS\_DISP</a:string>

<a:string>dec</a:string>

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<C>check\_if</C>

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<a:string>temp1==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_not\_active</a:string>

</P>

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<AAI>13</AAI>

<AEI>13</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>CC ID 79d is active and value displayed is "+2°C"?</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>21165</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

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<C>call\_macro</C>

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<LN>15</LN>

<ANI>16</ANI>

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<C>delay</C>

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<a:string>1000</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<P>

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<a:string>ST\_NO\_CC\_MESS\_DISP</a:string>

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<C>check\_if</C>

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<a:string>temp1==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

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<a:string>ST\_NO\_CC\_MESS\_DISP</a:string>

<a:string>dec</a:string>

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<a:string>CC\_not\_active</a:string>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade) and check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Decrease Atemp value to -5\'b0C (set 21165 ohm using a resistance decade) and check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set the unit for Atemp to Fahrenheit }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set Atemp value to -4\'b0F (set 48535 ohm using a resistance decade) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. CC ID 79d is active and value displayed is "-5\'b0C"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is active and value displayed is "+23\'b0F"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. CC ID 79d is active and value displayed is "-4\'b0F"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<LT>Functional</LT>

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<Ts>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<C>set\_env</C>

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<a:string>5000</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>21165</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ST\_DISP\_KI</a:string>

<a:string>ST\_NO\_CC\_MESS\_DISP</a:string>

<a:string>dec</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_not\_active</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Atemp value on cluster decreased from 25°C to -5°C and during this procces no flicker,no pixel error or cutting text were noticed?"</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

</LOCs>

</T>

</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Decrease Atemp value to -5\'b0C (set 21165 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Atemp value on cluster decreased from 25\'b0C to -5\'b0C and during this procces no flicker, no pixel error or cutting text were noticed. }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch When CC ID 165d appears on cluster display no flicker or pixel error is noticed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5015</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>1\_HMI</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>12</bAAI>

<bAEI>12</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_15]</ID>

<N>2\_CAN\_messages - Filtered Atemp value via CAN in message ID 2CAh</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>HW\_Reset</a:string>

</P>

<CO>can't use set\_voltage now</CO>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

</LOCs>

</T>

</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit of measurement to Celsius}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a HW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check signal TEMP\_EX from msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Signal TEMP\_EX in CAN msg. ID 2CAh contains the filtered Atemp value (10\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5481</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_5482</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>2\_CAN\_messages</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>10</bAAI>

<bAEI>10</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_16]</ID>

<N>2\_CAN\_messages - Unfiltered Atemp value via CAN in message ID 2CAh</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>6000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

</LOCs>

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</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit of measurement to Celsius from CIC\_RAD panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check signal TEMP\_EX\_UNFILT from msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Signal TEMP\_EX\_UNFILT in CAN msg. ID 2CAh contains the unfiltered Atemp value (10\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5481</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_5483</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>2\_CAN\_messages</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>9</bAAI>

<bAEI>9</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_17]</ID>

<N>2\_CAN\_messages - Filtered and unfiltered Atemp values via CAN in message ID 2CAh - different values</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>7800</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that the filtered and unfiltered Atemp value are sent via CAN in msg. ID 2CAh and can be different}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit of measurement to Celsius from CIC\_RAD panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check signals TEMP\_EX and TEMP\_EX\_UNFILT from msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check signals TEMP\_EX and TEMP\_EX\_UNFILT from msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Signals TEMP\_EX and TEMP\_EX\_UNFILT in CAN msg. ID 2CAh contains the Atemp value (10\'b0C). Both signals are sending the same Atemp value.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Signal TEMP\_EX and TEMP\_EX\_UNFILT are sending different Atemp value. Signal TEMP\_EX sends Atemp value = 10\'b0C and signal TEMP\_EX\_UNFILT sends Atemp value = 15\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5481</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<V>40\_5482</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_5483</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_179</V>

<DURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_182</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

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<V>40\_4014</V>

<DURL i:nil="true" />

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>2\_CAN\_messages</CH>

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<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>17</bAAI>

<bAEI>17</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_18]</ID>

<N>2\_CAN\_messages - Value for Atemp after several resets (SW or HW)</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AAI>3</AAI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>16806.2</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCount</AT>

<P>

<a:string>0</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>while</C>

<P>

<a:string>tempCount&lt;=5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==-0.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==-0.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-0.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp value is -0.5°C?</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCount</AT>

<P>

<a:string>tempCount+1</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>wend</C>

<P />

<LN>17</LN>

<ANI>18</ANI>

<AAI>5</AAI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Make sure no decadic resistence is connected to the cluster"</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCount1</AT>

<P>

<a:string>0</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>while</C>

<P>

<a:string>tempCount1&lt;=5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCount1</AT>

<P>

<a:string>tempCount1+1</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp value is -40°C?</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>wend</C>

<P />

<LN>26</LN>

<ANI>27</ANI>

<AAI>20</AAI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Reconnect the decadic resistence to the cluster"</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing behavior for Atemp after several resets}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Change Atemp dispayed value to -0.5 \'b0C (set 16806.2 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Performe several restes (HW or SW)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wach CAN ID 2CAh and cluster dispay}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Make sure no decadic resistence is connected to the cluster }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Performe several restes (HW or SW)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Dispayed value should be -0.5 \'b0C.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch CAN ID message 2CAh have the same value as dispayed one (deviation maxim 0.5 Celsius/0.3 Fharenheit degrees is accepted)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Dispayed value should be -40 \'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5481</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_5482</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_5483</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>2\_CAN\_messages</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>28</bAAI>

<bAEI>28</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_19]</ID>

<N>2\_CAN\_messages - Sending of message ID 2CAh on event - PARKEN to FAHREN state</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>Prepare a CAN trace for msg. 2CAh</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Msg. ID 2CAh is sent 3 times (1 time after after state switch and 2 times with a cycle time of 160 ms)"</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that on event (changing state) msg. ID 2CAh is sent 3 times }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Prepare a CAN trace for msg. 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set PARKEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check if msg. ID 2CAh was sent on event 3 times (1 time after after state switch and 2 times with a cycle time of 160 ms)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Msg. ID 2CAh is sent 3 times (1 time after after state switch and 2 times with a cycle time of 160 ms)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5481</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>2\_CAN\_messages</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>7</bAAI>

<bAEI>7</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_20]</ID>

<N>2\_CAN\_messages - Atemp values via CAN in message ID 2CAh are sent with valid values</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>5000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that the Atemp values via CAN in message ID 2CAh are sent with valid values}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit of measurement to Celsius from CIC\_RAD panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wake-up the cluster }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check signals TEMP\_EX and TEMP\_EX\_UNFILT from msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Signals TEMP\_EX and TEMP\_EX\_UNFILT in CAN msg. ID 2CAh are sent with valid values after wake-up (10\'b0C). }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_16653</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>2\_CAN\_messages</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>16</bAAI>

<bAEI>16</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_21]</ID>

<N>2\_CAN\_messages - Atemp values via CAN in message ID 2CAh are sent with the initial valid values</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Prepare a CAN trace for msg. 2CAh"</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Msg. ID 2CAh are not sent with valid values after wake-up?"</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"After 2 cycle times the Msg. ID 2CAh are sent with the initial values (10°C).?"</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that the Atemp values via CAN in message ID 2CAh are sent with the initial valid values}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit of measurement to Celsius from CIC\_RAD panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade) then make sure no valid values are sent}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wake-up the cluster }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Wait a 2 sec then then again msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Msg. ID 2CAh are not sent with valid values after wake-up.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. After 2 cycle times the Msg. ID 2CAh are sent with the initial values (10\'b0C).}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-92}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_16697</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>2\_CAN\_messages</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>15</bAAI>

<bAEI>15</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_22]</ID>

<N>2\_CAN\_messages - Displayed Atemp value sent via CAN in message ID 366h</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>HW\_Reset</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>DISP\_TEMP\_EX</a:string>

<a:string>dec</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

</LOCs>

</T>

</Ts>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit of measurement to Celsius from CIC\_RAD panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a HW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check signal DISP\_TEMP\_EX from msg. ID 366h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5484</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_5485</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>2\_CAN\_messages</CH>

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<eANI>-1</eANI>

<bAAI>10</bAAI>

<bAEI>10</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_23]</ID>

<N>2\_CAN\_messages - Signal DISP\_TEMP\_EX from msg. ID 366h after reset</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>35800</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>HW\_Reset</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>DISP\_TEMP\_EX</a:string>

<a:string>dec</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==-15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

</LOCs>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to -15\'b0C (set 35800 ohm using a resistance decade). }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Performe several HW resets (power OFF/ON). }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Watch display and signal DISP\_TEMP\_EX from CAN message 366h.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Display values and signal DISP\_TEMP\_EX should be -15\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5484</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_5485</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>2\_CAN\_messages</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>9</bAAI>

<bAEI>9</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_24]</ID>

<N>2\_CAN\_messages - Displayed Atemp unit sent via CAN in message ID 366h</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>HW\_Reset</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>ST\_UN\_TEMP\_KI</a:string>

<a:string>dec</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_23A\_NO\_KEY\_PRSL\_IMME</a:string>

<a:string>1</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>2</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>HW\_Reset</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>ST\_UN\_TEMP\_KI</a:string>

<a:string>dec</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

</LOCs>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit of measurement to Celsius from CIC\_RAD panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a HW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check signal ST\_UN\_TEMP\_KI from msg. ID 366h }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Profile 1;}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit of measurement to Fahrenheit from CIC\_RAD panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a HW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check signal ST\_UN\_TEMP\_KI from msg. ID 366h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Signal ST\_UN\_TEMP\_KI in CAN msg. ID 366h contains the unit for Atemp (0 for \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Signal ST\_UN\_TEMP\_KI in CAN msg. ID 366h contains the unit for Atemp ( 1 for \'b0F). Signal can receive once value 0 for \'b0C, but then should be with 1 for \'b0F. This unit change should not be observed on cluster display.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5484</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<LNK>

<V>40\_5486</V>

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<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

<VAR />

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<V>40\_4014</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

<VAR />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

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<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>17</bAAI>

<bAEI>17</bAEI>

<eAEI>-2</eAEI>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_25]</ID>

<N>2\_CAN\_messages - Displayed values and signal DISP\_TEMP\_EX</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>6000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>DISP\_TEMP\_EX</a:string>

<a:string>dec</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp value is +10°C?</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>35800</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>HW\_Reset</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>DISP\_TEMP\_EX</a:string>

<a:string>dec</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==-15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp value is -15°C?</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>7800</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Reload</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>ANZEIGE\_KI\_EXTN\_ANZEIGE</a:string>

<a:string>DISP\_TEMP\_EX</a:string>

<a:string>dec</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AAI>35</AAI>

<AEI>35</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp value is 15°C?</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

</LOC>

</LOCs>

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</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade). }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Make a sleep/wake cycle. }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Watch display and signal DISP\_TEMP\_EX from CAN message 366h.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to -15\'b0C (set 35800 ohm using a resistance decade). }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Make a HW reset (power OFF/ON). }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Watch display and signal DISP\_TEMP\_EX from CAN message 366h.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to +15\'b0C (set 7800 ohm using a resistance decade). }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Send diagnose job 11 03. }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Watch display and signal DISP\_TEMP\_EX from CAN message 366h.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Display values and signal DISP\_TEMP\_EX should be +10\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Display values and signal DISP\_TEMP\_EX should be -15\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Display values and signal DISP\_TEMP\_EX should be +15\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5484</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</LNK>

<LNK>

<V>40\_5485</V>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>2\_CAN\_messages</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>36</bAAI>

<bAEI>36</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_126]</ID>

<N>2\_CAN\_messages - CAN messages when ATEMP\_SIGNAL\_QUELLE = 1</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>01</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Prepare a CAN trace for msg. 2CAh, 366h and 5E0h"</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9945</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Msg. ID 2CAh and 366h are sent over CAN and Msg. ID 5E0h, with signal ID2 = 140 is not sent over CAN?"</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

</LOCs>

</T>

</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check Atemp value on display and on msg. ID 2CAh , 366h and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Msg. ID 2CAh is sent over CAN.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Msg. ID 366h is sent over CAN.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Msg. ID 5E0h, with signal ID2 = 140 is not sent over CAN.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_7123</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_7773</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>2\_CAN\_messages</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>9</bAAI>

<bAEI>9</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_26]</ID>

<N>3\_Sensor - Message ID 5E0h, ID2=140d not sent over CAN when ATEMP\_SIGNAL\_QUELLE=1</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>negative</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>01</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

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<a:string>9949</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check msg. ID 5E0h, ID2=140d, ID\_OBD\_SEN=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

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<C i:nil="true" />

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</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

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<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

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<P>

<a:string>E\_3F9\_ST\_ENG\_RUN\_DRV</a:string>

<a:string>0</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

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<C>set\_env</C>

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<a:string>E\_32\_ST\_CENG\_DRV</a:string>

<a:string>0</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ID2</a:string>

<a:string>dec</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==140</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send with ID 140</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0OBD</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ID\_OBD\_SEN</a:string>

<a:string>dec</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0OBD==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>15</LN>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit to \'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check signal ID\_OBD\_SEN value in msg. ID 5E0h, ID2=140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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}&#xD;

}</EE>

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<DURL i:nil="true" />

<OURL i:nil="true" />

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<LT>Functional</LT>

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<RFD i:nil="true" />

<C i:nil="true" />

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<LNK>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<LT>Functional</LT>

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<V>40\_5475</V>

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<LT>Functional</LT>

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<V>40\_5476</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

<VAR />

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</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

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<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>16</bAAI>

<bAEI>16</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_28]</ID>

<N>3\_Sensor - Message ID 5E0h, ID=140d not triggered in WOHNEN state</N>

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<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>negative</a:string>

</TSs>

<Ts>

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<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

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<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

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<AAI>5</AAI>

<AEI>5</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

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<ANI>6</ANI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

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<AAI>7</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_ST\_ENG\_RUN\_DRV</a:string>

<a:string>0</a:string>

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<AAI>8</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_32\_ST\_CENG\_DRV</a:string>

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<AAI>9</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

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<LN>9</LN>

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<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ID2</a:string>

<a:string>dec</a:string>

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<LN>10</LN>

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<AEI>11</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0!=140</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send with ID 140</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ID2</a:string>

<a:string>dec</a:string>

</P>

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<P>

<a:string>temp5E0!=140</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send with ID 140</a:string>

</P>

<LN>13</LN>

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<AAI>14</AAI>

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<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ID2</a:string>

<a:string>dec</a:string>

</P>

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<P>

<a:string>temp5E0!=140</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send with ID 140</a:string>

</P>

<LN>15</LN>

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<C>get\_signal</C>

<AT>temp5E0</AT>

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<a:string>ID2</a:string>

<a:string>dec</a:string>

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<a:string>temp5E0!=140</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send with ID 140</a:string>

</P>

<LN>17</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ID2</a:string>

<a:string>dec</a:string>

</P>

<LN>18</LN>

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<AAI>19</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0!=140</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send with ID 140</a:string>

</P>

<LN>19</LN>

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<AEI>20</AEI>

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<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ID2</a:string>

<a:string>dec</a:string>

</P>

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<C>check\_if</C>

<P>

<a:string>temp5E0!=140</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send with ID 140</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ID2</a:string>

<a:string>dec</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0!=140</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send with ID 140</a:string>

</P>

<LN>23</LN>

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<AAI>24</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ID2</a:string>

<a:string>dec</a:string>

</P>

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<C>check\_if</C>

<P>

<a:string>temp5E0!=140</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send with ID 140</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit to \'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check the cycle time of msg. ID 5E0h, ID2=140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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}&#xD;

}</EE>

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<V>40\_180</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>26</bAAI>

<bAEI>26</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_29]</ID>

<N>3\_Sensor - Cycle time of multiplexed message ID 5E0h, ID2=140d</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

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<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

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<ANI>6</ANI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_ST\_ENG\_RUN\_DRV</a:string>

<a:string>0</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_32\_ST\_CENG\_DRV</a:string>

<a:string>0</a:string>

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<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<C>delay</C>

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<a:string>10000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ID2</a:string>

<a:string>dec</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==140</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send with ID 140</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>10000</a:string>

</P>

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<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ID2</a:string>

<a:string>dec</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==140</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send with ID 140</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit to \'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check the cycle time of msg. ID 5E0h, ID2=140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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}&#xD;

}</EE>

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<LNK>

<V>40\_5475</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<VAR />

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<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>16</bAAI>

<bAEI>16</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_30]</ID>

<N>3\_Sensor - Display of Atemp raw value in message ID 5E0h, ID2=140d</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

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<a:string>1</a:string>

</P>

<LN>3</LN>

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<AAI>4</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

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<ANI>6</ANI>

<AEI>6</AEI>

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<LOC>

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<P>

<a:string>1000</a:string>

</P>

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<AAI>7</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_ST\_ENG\_RUN\_DRV</a:string>

<a:string>0</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_32\_ST\_CENG\_DRV</a:string>

<a:string>0</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

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<a:string>R1</a:string>

<a:string>7800</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==110</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value on cluster's display to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set unit to \'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value only from resistance decade to 15\'b0C (set 7800 ohm using a resistance decade) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check the cycle time of msg. ID 5E0h, ID2=140d - signal RWDT\_OBD\_SEN\_1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\b\ltrch NOTE: }{\ltrch The value from CAN signal can be converted into Atemp value using the formula: }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Actual\_raw\_atemp\_value=(Signal\_value\_dec/2)-40}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch e.g. : RWDT\_OBD\_SEN\_1 = 6Eh (110d)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (110/2)-40 = 15(\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_181</V>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<S>CHK</S>

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

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<CH>3\_Sensor</CH>

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<eANI>-1</eANI>

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<bAEI>14</bAEI>

<eAEI>-2</eAEI>

</OTP>

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</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_31]</ID>

<N>3\_Sensor - Sensor status "OK"</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set a valid value for Atemp (e.g. for 10\'b0C set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check msg. ID 5E0h, ID2=140d signal ERR\_OBD\_SEN\_1 value}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Signal ERR\_OBD\_SEN\_1=0 (Sensor status is "OK")}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LNK>

<V>40\_183</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_3703</V>

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<LT>Functional</LT>

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<LT>Functional</LT>

<F>Yes</F>

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<V>40\_6832</V>

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<S>CHK</S>

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<LT>Functional</LT>

<F>Yes</F>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>8</bAAI>

<bAEI>8</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_32]</ID>

<N>3\_Sensor - Sensor status "Short Circuit to GND"</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ANZ\_FEHLER\_1</a:string>

<a:string>36</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>200</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>9000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F654</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that signal ERR\_OBD\_SEN\_1=1 from msg. ID 5E0h, ID2\_140d when sensor status is "Short Circuit to GND"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ANZ\_FEHLER\_1=36}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check msg. ID 5E0h, ID2=140d signal ERR\_OBD\_SEN\_1 value}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch NOTE: DTC B7F654 is stored after 8 seconds (Measured value is smaller than the lowest boundary)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_3696</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

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<LT>Functional</LT>

<F>Yes</F>

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<VAR />

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<LNK>

<V>40\_3699</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<VAR />

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<V>40\_3703</V>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<LNK>

<V>40\_6832</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

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<eANI>-1</eANI>

<bAAI>14</bAAI>

<bAEI>14</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_33]</ID>

<N>3\_Sensor - Sensor status " Short circuit to UB"</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ANZ\_FEHLER\_2</a:string>

<a:string>57</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>500000</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>9000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==2</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F655</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

</LOC>

</LOCs>

</T>

</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ANZ\_FEHLER\_2=57}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 500000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check msg. ID 5E0h, ID2=140d signal ERR\_OBD\_SEN\_1 value}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Signal ERR\_OBD\_SEN\_1=2 (Sensor status is "Short circuit to UB")}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch NOTE: DTC B7F655 is stored after 8 seconds (Measured value is bigger than the highest boundary)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_3697</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

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<V>40\_3699</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<VAR />

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<LNK>

<V>40\_3703</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<LNK>

<V>40\_6832</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>15</bAAI>

<bAEI>15</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_34]</ID>

<N>3\_Sensor - Sensor status "Short Circuit to GND" -physical disconnection</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ANZ\_FEHLER\_1</a:string>

<a:string>36</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>Make a short circuit to GND the Atemp sensor</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>9000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F654</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>Remove the short circuit</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that signal ERR\_OBD\_SEN\_1=1 from msg. ID 5E0h, ID2\_140d when sensor status is "Short Circuit to GND"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ANZ\_FEHLER\_1=36}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Make a short circuit to GND for Atemp sensor}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check msg. ID 5E0h, ID2=140d signal ERR\_OBD\_SEN\_1 value}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Signal ERR\_OBD\_SEN\_1=1 (Sensor status is "Short circuit to GND")}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch NOTE: DTC B7F654 is stored after 8 seconds (Measured value is smaller than the lowest boundary)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_3696</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_3699</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_3703</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<V>40\_6832</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>13</bAAI>

<bAEI>13</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_35]</ID>

<N>3\_Sensor - Sensor status " Short circuit to UB" -physical disconnection</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ANZ\_FEHLER\_2</a:string>

<a:string>57</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>Make a short circuit to UB for Atemp sensor</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>9000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==2</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F655</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>Remove the short circuit</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

</LOCs>

</T>

</Ts>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ANZ\_FEHLER\_2=57}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Make a short circuit to UB for Atemp sensor}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check msg. ID 5E0h, ID2=140d signal ERR\_OBD\_SEN\_1 value}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Signal ERR\_OBD\_SEN\_1=2 (Sensor status is "Short circuit to UB")}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch NOTE: DTC B7F655 is stored after 8 seconds (Measured value is bigger than the highest boundary)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_3697</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<V>40\_3699</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<V>40\_3703</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<VAR />

</LNK>

<LNK>

<V>40\_6832</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>13</bAAI>

<bAEI>13</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_36]</ID>

<N>3\_Sensor - Sensor status after reset - "Signal Invalid"</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Open a Trace and check ID 5E0h, ID2=140d because a reset will be performed "</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that Msg. ID 5E0h, ID2=140d: Signal ERR\_OBD\_SEN\_1= 0 (Sensor status is "Signal invalid")?"</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that After reset msg. 5E0h was sent with invalid values and after that msg. 5E0h was send with valid values?"</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that signal ERR\_OBD\_SEN\_1=F from msg. ID 5E0h, ID2\_140d when sensor status is "Signal Invalid"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Prepare a CAN trace for msg. 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check msg. ID 5E0h, ID2=140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Signal ERR\_OBD\_SEN\_1= 0 (Sensor status is "Signal invalid")}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After reset msg. 5E0h was sent with invalid values and after that msg. 5E0h was send with valid values.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_3702</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_3703</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_6832</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>10</bAAI>

<bAEI>10</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_37]</ID>

<N>3\_Sensor - OBD sensor status - error caused</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==100</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>200</a:string>

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<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>5000</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>12</LN>

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<AAI>13</AAI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==100</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

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<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that the OBD sensor status is "no error" and the last valid raw value is sent between the time of causing error}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check msg. 5E0h, ID2=140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check msg. 5E0h, ID2=140d after 5 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check msg. 5E0h, ID2=140d after 3 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Msg. 5E0h, ID2=140d has sensor status as "OK"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Raw data value is 10\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch No sensor error}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Msg. 5E0h, ID2=140d has sensor status as "OK"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Raw data value is 10\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch No sensor error}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Msg. 5E0h, ID2=140d has sensor status as "Short Circuit to GND"}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Raw data value is invalid ( FFFF)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Sensor error available}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\b\ltrch NOTE: }{\ltrch The value from CAN signal can be converted into Atemp value using the formula: }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Actual\_raw\_atemp\_value=(Signal\_value\_dec/2)-40}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_3700</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</LNK>

<LNK>

<V>40\_3701</V>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_15422</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>23</bAAI>

<bAEI>23</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_38]</ID>

<N>3\_Sensor - Message ID 5E0d, ID=140d send on event when sensor error GND occures</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Open a Trace and check ID 5E0h, ID2=140d "</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>30000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>200</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that in Msg. 5E0d, ID2=140d cycle time is 10 seconds?"</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>30000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that When Atemp value was set to invalid (short circuit to GND), msg. 5E0h, ID2=140d was sent (on event) after 8 seconds?"</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that msg. 5E0h, ID2=140 is send on event when when sensor error GND occures}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Prepare a CAN trace for msg. 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 30 seconds and check msg. 5E0h, ID2=140 cycle time}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Wait 30 seconds and check msg. 5E0h, ID2=140 cycle time}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Msg. 5E0d, ID2=140d cycle time is 10 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. When Atemp value was set to invalid (short circuit to GND), msg. 5E0h, ID2=140d was sent (on event) after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_3704</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>16</bAAI>

<bAEI>16</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_39]</ID>

<N>3\_Sensor - Message ID 5E0d, ID=140d send on event when sensor error Ub occures</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Open a Trace and check ID 5E0h, ID2=140d "</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>30000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>500000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that in Msg. 5E0d, ID2=140d cycle time is 10 seconds?"</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>30000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that When Atemp value was set to invalid (short circuit to UB), msg. 5E0h, ID2=140d was sent again (on event) after 8 seconds?"</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==2</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

</LOC>

</LOCs>

</T>

</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Prepare a CAN trace for msg. 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 30 seconds and check msg. 5E0h, ID2=140 cycle time}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 500000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Wait 30 seconds and check msg. 5E0h, ID2=140 cycle time}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Msg. 5E0d, ID2=140d cycle time is 10 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. When Atemp value was set to invalid (short circuit to UB), msg. 5E0h, ID2=140d was sent again (on event) after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_3704</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

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<bAAI>16</bAAI>

<bAEI>16</bAEI>

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</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_40]</ID>

<N>3\_Sensor - Message ID 5E0d, ID=140d send on event when sensor error Ub or GND several times occures</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Open a Trace and check ID 5E0h, ID2=140d "</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>30000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>500000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that when Atemp value was set to invalid (short circuit to UB), msg. 5E0h, ID2=140d was sent again (on event) after 8 seconds?"</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==2</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>200</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that when Atemp value was set to invalid (short circuit to GND), msg. 5E0h, ID2=140d was sent (on event) after 8 seconds?"</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>500000</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AEI>20</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that when Atemp value was set to invalid (short circuit to UB), msg. 5E0h, ID2=140d was sent again (on event) after 8 seconds?"</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==2</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>200</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that when Atemp value was set to invalid (short circuit to GND), msg. 5E0h, ID2=140d was sent (on event) after 8 seconds?"</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AEI>30</AEI>

</LOC>

</LOCs>

</T>

</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Prepare a CAN trace for msg. 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set Atemp to an invalid value (set 500000 ohm using a resistance decade) and check msg. 5E0h, ID2=140}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Atemp to an invalid value (set 200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp to an invalid value (set 500000 ohm using a resistance decade) and check msg. 5E0h, ID2=140}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set Atemp to an invalid value (set 200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. When Atemp value was set to invalid (short circuit to UB), msg. 5E0h, ID2=140d was sent again (on event) after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. When Atemp value was set to invalid (short circuit to GND), msg. 5E0h, ID2=140d was sent (on event) after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. When Atemp value was set to invalid (short circuit to UB), msg. 5E0h, ID2=140d was sent again (on event) after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. When Atemp value was set to invalid (short circuit to GND), msg. 5E0h, ID2=140d was sent (on event) after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_3704</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>30</bAAI>

<bAEI>30</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_41]</ID>

<N>3\_Sensor - Message ID 5E0d, ID=140d not send on event when Atemp value changes</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Open a Trace and check ID 5E0h, ID2=140d "</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>30000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that in Msg. 5E0d, ID2=140d cycle time is 10 seconds?"</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>6200</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that When Atemp value was changed to 20°C the msg. 5E0d, ID2=140 was no sent (on event)?"</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>30000</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that in Msg. 5E0d, ID2=140d cycle time is 10 seconds?"</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>16300</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that When Atemp value was changed to 0°C the msg. 5E0d, ID2=140 was no sent (on event)?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>30000</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that in Msg. 5E0d, ID2=140d cycle time is 10 seconds?"</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that msg. 5E0h, ID2=140 is not send on event when signal RWDT\_OBD\_SEN\_1 values changes}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Prepare a CAN trace for msg. 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait for 30 seconds and Check msg. 5E0h, ID2=140 cycle time}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Atemp value to 20\'b0C (set 6200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Wait 30 seconds and Check msg. 5E0h, ID2=140 cycle time}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set Atemp value to 0\'b0C (set 16300 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Wait 30 seconds and check msg. 5E0h, ID2=140 cycle time}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Msg. 5E0d, ID2=140d cycle time is 10 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. When Atemp value was changed to 20\'b0C the msg. 5E0d, ID2=140 was no sent (no event)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Msg. 5E0d, ID2=140d cycle time is 10 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. When Atemp value was changed to 0\'b0C the msg. 5E0d, ID2=140 was no sent (no event)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Msg. 5E0d, ID2=140d cycle time is 10 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_3705</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>21</bAAI>

<bAEI>21</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_42]</ID>

<N>3\_Sensor - Message ID 5E0h, ID=140d, ID\_OBD=0 sends signals with invalid values</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_2</a:string>

<a:string>dec</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==15</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0\_2</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_2</a:string>

<a:string>dec</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0\_2==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that msg. ID 5E0h, ID=140d, ID\_OBD=0 sends signals ERR\_OBD\_SEN\_2 and RWDT\_OBD\_SEN\_2 with invalid values}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE=0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set a valid value for Atemp (e.g. for 10\'b0C set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check msg. ID 5E0h, ID2=140d, ID\_OBD\_SEN=0 signals ERR\_OBD\_SEN\_2 and RWDT\_OBD\_SEN\_2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Signals ERR\_OBD\_SEN\_2 and RWDT\_OBD\_SEN\_2 are sent with invalid values}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_251</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_5477</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_5480</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>3\_Sensor</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>10</bAAI>

<bAEI>10</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_127]</ID>

<N>4\_ATP\_Calculation - Atemp value in overvoltage (L2)</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>13.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>6</LN>

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<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>19</a:string>

</P>

<CO>not implemented command</CO>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>12600</a:string>

</P>

<LN>9</LN>

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<AAI>10</AAI>

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<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F676</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

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<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<ANI>16</ANI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<AT>tempATP\_filt</AT>

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<a:string>Read\_ATP\_filtered\_C</a:string>

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<C>check\_if</C>

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<a:string>tempATP\_filt==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Display is off and Atemp filtered value is updated with the new value (5°C) via CAN in msg. ID 2CA?</a:string>

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<LN>19</LN>

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<a:string>set\_voltage</a:string>

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<a:string>13</a:string>

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<CO>not implemented command</CO>

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<a:string>dec</a:string>

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<a:string>dec</a:string>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that after recovery from overvoltage the new value 5°C is displayed?</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>26</LN>

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<AAI>27</AAI>

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<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage 13,5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage to 19V (L2 detection)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 5\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (set 12600 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check if DTC B7F676 is stored (DTC for overvoltage)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if Atemp filtered value is updated (on display and via CAN in msg. ID 2CAh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set voltage to 14V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. DTC B7F676 is stored and active}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Display is off and Atemp filtered value is updated with the new value (5\'b0C) via CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. After recovery from overvoltage the new value 5\'b0C is displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

<F>Yes</F>

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<N>4\_ATP\_Calculation - Atemp value in overvoltage (L1)</N>

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<a:string>Prio1</a:string>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<CO>not implemented command</CO>

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<a:string>9949</a:string>

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<a:string>Update\_ATemp</a:string>

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<a:string>10000</a:string>

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<CO>not implemented command</CO>

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<C>set\_env</C>

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<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F676</a:string>

</P>

<LN>11</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>12</LN>

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<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>13</LN>

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<a:string>1000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>tempATemp==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>call\_macro</C>

<AT>tempATP\_filt</AT>

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<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>17</LN>

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<a:string>tempATP\_filt==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp filtered value is updated with the new value (5°C) on display ?</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

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<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>13</a:string>

</P>

<CO>not implemented command</CO>

<LN>20</LN>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>Is it true that after recovery from overvoltage the same view and value 5°C should remain on cluster display?</a:string>

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<LN>25</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>26</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage 13,5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage to 18,9V (L1 detection)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 5\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (set 12600 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check if DTC B7F676 is stored (DTC for overvoltage)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if Atemp filtered value is updated (on display and via CAN in msg. ID 2CAh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set voltage to 14V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Atemp filtered value is updated with the new value (5\'b0C) on display and via CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. After recovery from overvoltage the same view and value 5\'b0C should remain on cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_5481</V>

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<OEMID i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

<VAR />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<OBSOLETE>

<OTP>

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<eANI>-1</eANI>

<bAAI>28</bAAI>

<bAEI>28</bAEI>

<eAEI>-2</eAEI>

</OTP>

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</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_129]</ID>

<N>4\_ATP\_Calculation - Atemp value in overvoltage when ATP value is not changed</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>13.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>7800</a:string>

</P>

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<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>4000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>18.9</a:string>

</P>

<CO>not implemented command</CO>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>12000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F676</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>14</a:string>

</P>

<CO>not implemented command</CO>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"After recovery,Atemp value is not changed and 15°C is displayed?"</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>19</a:string>

</P>

<CO>not implemented command</CO>

<LN>19</LN>

<ANI>20</ANI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>12000</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F676</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>14</a:string>

</P>

<CO>not implemented command</CO>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AEI>26</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATP\_filt==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"After recovery,Atemp value is not changed and 15°C is displayed?"</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage 13,5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage to 18.9V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 12 sec and check DTC B7F676 storage}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set voltage to 14V and check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage to 19V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Wait 12 sec check DTC B7F676 storage}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set voltage to 14V and check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After recovery, Atemp value is not changed and 15\'b0C is displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. DTC B7F676 is stored and active}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. After recovery, Atemp value is not changed and 15\'b0C is displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<CH>4\_ATP\_Calculation</CH>

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<eANI>-1</eANI>

<bAAI>30</bAAI>

<bAEI>30</bAEI>

<eAEI>-2</eAEI>

</OTP>

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<N>4\_ATP\_Calculation - Atemp value in undervoltage</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>13.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>6.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>12600</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>9</LN>

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<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>10000</a:string>

</P>

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<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F685</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

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<AAI>15</AAI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp filtered value is not updated with the new value (still 10°C)?</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>14</a:string>

</P>

<CO>not implemented command</CO>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

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<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that after recovery, the Atemp is updated with 5°C?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

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<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>6.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>7800</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

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<AEI>32</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AEI>33</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>12000</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F685</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AEI>35</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AAI>37</AAI>

<AEI>37</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AEI>39</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AEI>41</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

<AAI>42</AAI>

<AEI>42</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>Is it true that Atemp filtered value is not updated with the new value (still 10°C)?</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AAI>43</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>14</a:string>

</P>

<CO>not implemented command</CO>

<LN>43</LN>

<ANI>44</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>45</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AAI>47</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AEI>48</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<LN>48</LN>

<ANI>49</ANI>

<AAI>49</AAI>

<AEI>49</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that after recovery, Atemp value is not updated (last value is dispayed) 10°C?"</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

<AAI>50</AAI>

<AEI>50</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>50</LN>

<ANI>51</ANI>

<AAI>51</AAI>

<AEI>51</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

<AEI>52</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage 13,5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage to 6.5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 5\'b0C set 12600 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check if DTC B7F685 is stored (DTC for undervoltage)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if Atemp filtered value is not updated (on display and via CAN in msg. ID 2CAh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set voltage to 14V and check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Performe the same scenarion, but instead of 10\'b0C (at step 4) set 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. DTC B7F685 is stored and active}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Atemp filtered value is not updated with the new value.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. After recovery, the Atemp is updated with the new value}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. After recovery, Atemp value is not updated (last value is dispayed)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<V>40\_5481</V>

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<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</LNK>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<CH>4\_ATP\_Calculation</CH>

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<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>52</bAAI>

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<N>4\_ATP\_Calculation - Atemp value in undervoltage when ATP value is not changed</N>

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<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

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<Ts>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>13.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>7800</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>6.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>7</LN>

<ANI>8</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>12000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>stackDTCnr</AT>

<P>

<a:string>B7F685</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F685</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>14</a:string>

</P>

<CO>not implemented command</CO>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that after recovery, Atemp value is not changed and 15°C is displayed?"</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage 13,5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage to 6.5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 12 sec }{\ltrch check DTC B7F676 storage}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set voltage to 14V and check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After recovery, Atemp value is not changed and 15\'b0C is displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_5481</V>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<CH>4\_ATP\_Calculation</CH>

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<eANI>-1</eANI>

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<ID>[SSTS\_GEN5CI\_ATP\_132]</ID>

<N>4\_ATP\_Calculation - Atemp during Power Fail</N>

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<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

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<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

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<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>13.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<ANI>7</ANI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

<LN>7</LN>

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<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>3.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>12600</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Display is off (Atemp value is not updated) and CAN communication is off (msg. ID 2CA is not sent/updated)?"</a:string>

</P>

<LN>11</LN>

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<AAI>12</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>14</a:string>

</P>

<CO>not implemented command</CO>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that After recovery, the Atemp is updated to 5°C?"</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>7000</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

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<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>3.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>7800</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Display is off (Atemp value is not updated) and CAN communication is off (msg. ID 2CA is not sent/updated)?"</a:string>

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<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>14</a:string>

</P>

<CO>not implemented command</CO>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<C>delay</C>

<P>

<a:string>8000</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>31</LN>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>32</LN>

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<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>33</LN>

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<AAI>34</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>34</LN>

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<C>check\_if</C>

<P>

<a:string>tempATP\_filt==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that After recovery, the Atemp is updated to 15°C?"</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AAI>37</AAI>

<AEI>37</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage 13,5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage to 3.5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 5\'b0C (set 12600 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check if Atemp filtered value is not updated (on display and via CAN in msg. ID 2CAh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set voltage to 14V and check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Performe the same scenarion, but instead of 5\'b0C (at step 4) set 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After recovery, the Atemp is updated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The behavior is the same as in the previous scenario}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>4\_ATP\_Calculation</CH>

<OBSOLETE>

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<eANI>-1</eANI>

<bAAI>37</bAAI>

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<N>4\_ATP\_Calculation - Atemp after wake-up</N>

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<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

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<C>call\_macro</C>

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<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>10</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>08</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<LOC>

<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>13.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>6000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_COLD</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>15000</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>12600</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>6000</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>24</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>26</LN>

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<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<LN>27</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>28</LN>

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<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_COLD</a:string>

</P>

<LN>29</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

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<LN>30</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>31</LN>

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<AEI>32</AEI>

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<C>delay</C>

<P>

<a:string>6000</a:string>

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<LN>32</LN>

<ANI>33</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AAI>35</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_COLD</a:string>

</P>

<LN>35</LN>

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<AAI>36</AAI>

<AEI>36</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

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<LN>36</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

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<LN>37</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>15000</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

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<C>set\_env</C>

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<a:string>7800</a:string>

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<C>delay</C>

<P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>WakeUp</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>42</LN>

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<AEI>43</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

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<C>check\_if</C>

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<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>46</LN>

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<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>47</LN>

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<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

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<LN>48</LN>

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<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>50</LN>

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<AEI>51</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

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<LN>51</LN>

<ANI>52</ANI>

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<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_COLD</a:string>

</P>

<LN>52</LN>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=8 (8 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage 13,5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check RAM symbol ATP\_bState}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set PARKEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 5\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (set 12600 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if Atemp filtered value is updated (on display and via CAN in msg. ID 2CAh); Check also RAM symbol ATP\_bState}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Performe the same scenarion, but instead of 5\'b0C (at step 4) set 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. RAM symbol ATP\_bState should be 03}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. After recovery, the Atemp is updated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch RAM symbol ATP\_bState should be 03}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The behavior is the same as in the previous scenario}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OEMID i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<ID>[SSTS\_GEN5CI\_ATP\_134]</ID>

<N>4\_ATP\_Calculation - Atemp value after recovery from sleep mode</N>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<LOC>

<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>13.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>7800</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

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<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>6000</a:string>

</P>

<LN>7</LN>

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<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

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<ANI>9</ANI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

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<ANI>10</ANI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>12000</a:string>

</P>

<LN>10</LN>

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<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

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<ANI>12</ANI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"After recovery, Atemp value is not changed and 15°C is displayed?"</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage 13,5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set PARKEN state and set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 12 sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check the cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

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<OBSOLETE>

<OTP>

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</OTP>

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</TC>

<TC>

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<N>4\_ATP\_Calculation - Atemp after reset</N>

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<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

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<AAI>4</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>13.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>6000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Atemp value is 10°C?"</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>7800</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>6000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

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<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Atemp value is not updated?"</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>5000</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"After reset, the Atemp is updated?"</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>6000</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Atemp value is 10°C?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>12600</a:string>

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<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>6000</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AEI>30</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AEI>32</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>5000</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AAI>35</AAI>

<AEI>35</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AAI>37</AAI>

<AEI>37</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AEI>38</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

<AEI>40</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AEI>41</AEI>

</LOC>

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</Ts>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage 13,5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 15\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check if Atemp filtered value is not updated (on display and via CAN in msg. ID 2CAh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a SW reset using diag job 11 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if Atemp filtered value is not updated (on display and via CAN in msg. ID 2CAh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Performe the same scenarion, but instead of 5\'b0C (at step 4) set 5\'b0C (set 12600 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Atemp value is not updated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. After reset, the Atemp is updated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The behavior is the same as in the previous scenario. (exception: At step 5 Atemp value will be updated)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-91}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_5481</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>41</bAAI>

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<eAEI>-2</eAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_136]</ID>

<N>4\_ATP\_Calculation - Atemp behavior after sleep mode</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>set\_voltage</a:string>

<a:string>Ub</a:string>

<a:string>13.5</a:string>

</P>

<CO>not implemented command</CO>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>6000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>300000</a:string>

</P>

<CO>5 min</CO>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"-40 degrees Celsius are not displayed at all after sleep mode. ATP is displayed with the setted value (a tolerance of 0.5 is accepted )?"</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>600000</a:string>

</P>

<CO>10 min</CO>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"-40 degrees Celsius are not displayed at all after sleep mode. ATP is displayed with the setted value (a tolerance of 0.5 is accepted )?"</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AEI>32</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1800000</a:string>

</P>

<CO>30 min</CO>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AEI>35</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"-40 degrees Celsius are not displayed at all after sleep mode. ATP is displayed with the setted value (a tolerance of 0.5 is accepted )?"</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AAI>37</AAI>

<AEI>37</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AEI>38</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AEI>40</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AAI>41</AAI>

<AEI>41</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

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<LN>41</LN>

<ANI>42</ANI>

<AEI>42</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AEI>43</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>172800000</a:string>

</P>

<CO>2 days</CO>

<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

<AEI>44</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AEI>46</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AAI>47</AAI>

<AEI>47</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"-40 degrees Celsius are not displayed at all after sleep mode. ATP is displayed with the setted value (a tolerance of 0.5 is accepted )?"</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AAI>48</AAI>

<AEI>48</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AEI>49</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

<AAI>50</AAI>

<AEI>50</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>50</LN>

<ANI>51</ANI>

<AEI>51</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

<AAI>52</AAI>

<AEI>52</AEI>

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</Ts>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set voltage 13,5V}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set PARKEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode and wait 5 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wake up the cluster and set Pruefen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check Atemp on display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Repeat scenario with cluster in sleep mode for 10 min, 30 min and 2 days}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5481</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<eANI>-1</eANI>

<bAAI>52</bAAI>

<bAEI>52</bAEI>

<eAEI>-2</eAEI>

</OTP>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_137]</ID>

<N>5\_Coolant - Ambient temperature calculation algorithm (AFTERRESET -&gt;RUNNING-&gt;COOLING-&gt;COLD -&gt;RUNNING)</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AAI>3</AAI>

<AEI>3</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>3000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==01</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_running</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>600000</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<LOC>

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<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==01</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_running</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing Ambient temperature calculation algorithm (AFTERRESET -&gt;RUNNING-&gt;COOLING-&gt;COLD)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9945 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Performe a SW reset (to mare sure you are in AFTERRESET state)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C from DME panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Stop the car and check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 600sec until TerminationCriterion() is checked}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set car running conditions and check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. RAM symbol ATP\_bState should be 01 (RUNNING)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 02 (COOLING)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. RAM symbol ATP\_bState should be 03 (COLD)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. RAM symbol ATP\_bState should be 01 (RUNNING)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_5473</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

<VAR />

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<LNK>

<V>40\_173</V>

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<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

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<CH>5\_Coolant</CH>

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<bAEI>27</bAEI>

<eAEI>-2</eAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_138]</ID>

<N>5\_Coolant - Ambient temperature calculation algorithm (AFTERRESET -&gt;COOLING and AFTERRESET-&gt;COLD)</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>2</LN>

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<AAI>3</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>3</LN>

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<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<ANI>5</ANI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

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<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

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<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

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<a:string>R1</a:string>

<a:string>4000</a:string>

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<AAI>12</AAI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

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<ANI>13</ANI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>30</a:string>

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<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SW\_Reset</a:string>

</P>

<LN>14</LN>

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<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>7000</a:string>

</P>

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<ANI>16</ANI>

<AAI>16</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>20</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>20</LN>

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<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7000</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

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<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

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<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

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<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

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<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<LN>25</LN>

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<AAI>26</AAI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9945 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C from DME panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Performe a HW reset (to mare sure you are in AFTERRESET state)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState (When Tmot &gt; Atemp: 90&gt;10 state should be COOLING)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 30\'b0C (set 4000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 30\'b0C from DME panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Performe a HW reset (to mare sure you are in AFTERRESET state)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check ATP\_bState (When Tmot &lt; Atemp: 30&lt;=30 state should be COLD)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 20\'b0C from DME panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Performe a HW reset (to mare sure you are in AFTERRESET state)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check ATP\_bState (When Tmot &lt; Atemp: 20&lt;=30 state should be COLD)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 03 (COLD)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. RAM symbol ATP\_bState should be 03 (COLD)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<F>Yes</F>

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<CH>5\_Coolant</CH>

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<bAAI>26</bAAI>

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<eAEI>-2</eAEI>

</OTP>

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<ID>[SSTS\_GEN5CI\_ATP\_139]</ID>

<N>5\_Coolant - Ambient temperature calculation algorithm (AFTERRESET -&gt;RUNNING-&gt;COOLING-&gt;RUNNING)</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<ANI>3</ANI>

<AAI>3</AAI>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>7000</a:string>

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<LN>6</LN>

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<AAI>7</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>3000</a:string>

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<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==01</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_running</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

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<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>3000</a:string>

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<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<C>call\_macro</C>

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<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

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<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

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<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

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<P>

<a:string>tempEng\_Status==01</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_running</a:string>

</P>

<LN>21</LN>

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<AAI>22</AAI>

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<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9945 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Performe a SW reset (to mare sure you are in AFTERRESET state)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C from DME panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Stop the car and check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set car running conditions and check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 02 (COOLING)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. RAM symbol ATP\_bState should be 01 (RUNNING)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<V>40\_173</V>

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<F>Yes</F>

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<N>5\_Coolant - Coolant temperature when engine running - valid value</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>0</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Read\_KMT</a:string>

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<ANI>5</ANI>

<AEI>5</AEI>

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<C>check\_if</C>

<P>

<a:string>stackKMTraw1==90</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>KMT\_raw\_invalid</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<C>check\_if</C>

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<a:string>stackKMTfilt1==90</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>KMT\_filt\_invalid</a:string>

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<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set engine status to engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine speed to 3000 RPM}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check the calculated coolant temperature (KMT\_calc) using the RAM symbols (for raw and filtered values)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch KMT\_calc = 90\'b0C }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_5473</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<V>40\_173</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<TDS />

<VAR />

<CH>5\_Coolant</CH>

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<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>9</bAAI>

<bAEI>9</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_141]</ID>

<N>5\_Coolant - Coolant temperature when engine running - invalid value</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>0</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>207</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>20000</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_KMT</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackKMTraw1==120</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>KMT\_raw\_invalid</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackKMTfilt1==120</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>KMT\_filt\_invalid</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

</LOCs>

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</Ts>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set engine status to engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine speed to 3000 RPM}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to invalid value (207\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check the calculated coolant temperature (KMT\_calc) using the RAM symbols (for raw and filtered values)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch The raw and the filtered values for coolant temperature from RAM are equal}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch KMT\_calc = 120\'b0C }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5473</V>

<DURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

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<V>40\_173</V>

<DURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_2189</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>5\_Coolant</CH>

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<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>10</bAAI>

<bAEI>10</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_142]</ID>

<N>5\_Coolant - Coolant temperature calculated when engine is stopped - MOT\_ZEIT=4</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_MOTORKONSTANTE</a:string>

<a:string>04</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>0</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>read\_test\_parameters</C>

<P>

<a:string>Parameterization\_ATP.xlsx</a:string>

<a:string>5\_KMT\_calc</a:string>

<a:string>by\_cols</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>reverse\_stack\_order</C>

<P>

<a:string>stackDelay</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>reverse\_stack\_order</C>

<P>

<a:string>stackKMT\_MOT\_ZEIT\_4</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>for\_each</C>

<P>

<a:string>tempDelay</a:string>

<a:string>stackDelay</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>18</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>tempDelay</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_KMT</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackKMTfilt1==stackKMT\_MOT\_ZEIT\_4</a:string>

<a:string>2</a:string>

<a:string>dec</a:string>

<a:string>KMT\_filt\_invalid</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>fend</C>

<P />

<LN>17</LN>

<ANI>18</ANI>

<AAI>13</AAI>

<AEI>18</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATP\_MOTORKONSTANTE=4}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine speed 3000 RPM}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check the calculated coolant temperature using the formula from 5\_KMT\_calc parameterzation sheet (read the RAM symbol coresponding to swTMotFilt and make sure is equal with the value from column KMT\_MOT\_ZEIT\_4)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch The calculated coolant temperature is according to the cooling down curve and the RAM symbol coresponding to swTMotFilt and make sure is equal with the value from column KMT\_MOT\_ZEIT\_4}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5473</V>

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<S>CHK</S>

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<F>Yes</F>

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<VAR />

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<V>40\_173</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<V>40\_2189</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<VAR />

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<LNK>

<V>40\_13229</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>5\_Coolant</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>18</bAAI>

<bAEI>18</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_143]</ID>

<N>5\_Coolant - Coolant temperature calculated when engine is stopped - MOT\_ZEIT=8</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_MOTORKONSTANTE</a:string>

<a:string>08</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>0</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>read\_test\_parameters</C>

<P>

<a:string>Parameterization\_ATP.xlsx</a:string>

<a:string>5\_KMT\_calc</a:string>

<a:string>by\_cols</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>reverse\_stack\_order</C>

<P>

<a:string>stackDelay</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>reverse\_stack\_order</C>

<P>

<a:string>stackKMT\_MOT\_ZEIT\_8</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>for\_each</C>

<P>

<a:string>tempDelay</a:string>

<a:string>stackDelay</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>18</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>tempDelay</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_KMT</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackKMTfilt1==stackKMT\_MOT\_ZEIT\_8</a:string>

<a:string>2</a:string>

<a:string>dec</a:string>

<a:string>KMT\_filt\_invalid</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>fend</C>

<P />

<LN>17</LN>

<ANI>18</ANI>

<AAI>13</AAI>

<AEI>18</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that after the engine is stopped the cooling down curve is calculated based on the engine time constant - MOT\_ZEIT=8}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_MOTORKONSTANTE=8}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine speed 3000 RPM}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check the calculated coolant temperature using the formula from 5\_KMT\_calc parameterzation sheet (read the RAM symbol coresponding to swTMotFilt and make sure is equal with the value from column KMT\_MOT\_ZEIT\_8)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch The calculated coolant temperature is according to the cooling down curve and the RAM symbol coresponding to swTMotFilt and make sure is equal with the value from column KMT\_MOT\_ZEIT\_8}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5473</V>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<VAR />

</LNK>

<LNK>

<V>40\_173</V>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_2189</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_13229</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>5\_Coolant</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>18</bAAI>

<bAEI>18</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_144]</ID>

<N>5\_Coolant - Bus Sleep and wake-up after 1200sec (20min)</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>KMT\_ABFRAGE\_ENABLE</a:string>

<a:string>01</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>10</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>04</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Pay attention and don't leave the computer during this test because after 20min curent and CAN comunication should be checked"</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>16325</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Check\_ATemp\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>2663</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_STAND</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1200000</a:string>

</P>

<CO>20 min</CO>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the current is different than 0.000A no CAN comunication is observed?"</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing the cluster behavior when Bus is in Sleep and wake-up after 1200sec (20min)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code KMT\_ABFRAGE\_ENABLE = 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=4 (4 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 0\'b0C (set 16325 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set engine temperature to 90\'b0C from DME panel and check signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 40\'b0C (set 2663 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car running condition and wait 1 sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Stop the car and check ATP\_bState}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set STAND state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1200 sec (20 min)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check current and CAN comunication}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. In msg. 3F9h, signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch is sent the value for engine temperature (90\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 02 (COOLING)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The current is different than 0.000A}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch No CAN comunication is observed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5465</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<LNK>

<V>40\_177</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_178</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>5\_Coolant</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>27</bAAI>

<bAEI>27</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_145]</ID>

<N>5\_Coolant - Cluster wake-up after 1h when COOLING state is set during sleep</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>KMT\_ABFRAGE\_ENABLE</a:string>

<a:string>01</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>10</a:string>

</P>

<LN>3</LN>

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<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>04</a:string>

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<a:string>16325</a:string>

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<a:string>Update\_ATemp</a:string>

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<AEI>8</AEI>

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<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<LN>9</LN>

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<a:string>Check\_ATemp\_TEMP\_ENG\_DRV</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<LN>14</LN>

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<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<a:string>SetState\_STAND</a:string>

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<a:string>Sleep</a:string>

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<a:string>60</a:string>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the cluster woke-up after 1 hour and in msg. 3F9h, signal TEMP\_ENG\_DRV is sent the new value for engine temperature (60°C)"</a:string>

</P>

<LN>22</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>Check\_ATemp\_TEMP\_ENG\_DRV</a:string>

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<a:string>WakeUp</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code KMT\_ABFRAGE\_ENABLE = 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=4 (4 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 0\'b0C (set 16325 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set engine temperature to 90\'b0C from DME panel and check signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car running condition and wait 3 sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Stop the car and check ATP\_bState}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set STAND state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 40\'b0C (set 2663 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check if coolant temperature was requested after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. In msg. 3F9h, signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch is sent the value for engine temperature (90\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 02 (COOLING).}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The cluster wake-up after 1 hour and in msg. 3F9h, signal TEMP\_ENG\_DRV is sent the new value for engine temperature (60\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<F>Yes</F>

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<N>5\_Coolant - Cluster wake-up after 1h when COOLING state is set before sleep</N>

<TSs>

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<LN>1</LN>

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<a:string>KMT\_ABFRAGE\_ENABLE</a:string>

<a:string>01</a:string>

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<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>10</a:string>

</P>

<LN>3</LN>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>04</a:string>

</P>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>5</LN>

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<a:string>R1</a:string>

<a:string>16325</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<LN>9</LN>

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<C>call\_macro</C>

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<a:string>Car\_Running</a:string>

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<C>call\_macro</C>

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</P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>15</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

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<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<C>call\_macro</C>

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<a:string>SetState\_STAND</a:string>

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<LN>18</LN>

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<a:string>Sleep</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the cluster woke-up after 1 hour and in msg. 3F9h, signal TEMP\_ENG\_DRV is sent the new value for engine temperature (60°C)"</a:string>

</P>

<LN>22</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Check\_ATemp\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

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<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

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<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code KMT\_ABFRAGE\_ENABLE = 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=4 (4 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 0\'b0C (set 16325 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set engine temperature to 90\'b0C from DME panel and check signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 40\'b0C (set 2663 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car running condition and wait 1 sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Stop the car and check ATP\_bState}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set STAND state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check if coolant temperature was requested after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch is sent the value for engine temperature (90\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 02 (COOLING)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The cluster wake-up after 1 hour and in msg. 3F9h, signal TEMP\_ENG\_DRV is sent the new value for engine temperature (60\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_5465</V>

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<LT>Functional</LT>

<F>Yes</F>

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<V>40\_177</V>

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_178</V>

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<LT>Functional</LT>

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<CH>5\_Coolant</CH>

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</OTP>

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<ID>[SSTS\_GEN5CI\_ATP\_147]</ID>

<N>5\_Coolant - Cluster didn't wake-up if COOLING state is set before sleep and KMT\_ABFRAGE\_ENABLE = 0</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>negative</a:string>

</TSs>

<Ts>

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<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>KMT\_ABFRAGE\_ENABLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>10</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>04</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>16325</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Check\_ATemp\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>2663</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<LOC>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3600000</a:string>

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<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the cluster did not wake-up after 1 hour?"</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code KMT\_ABFRAGE\_ENABLE = 0;}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=4 (4 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 0\'b0C (set 16325 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set engine temperature to 90\'b0C from DME panel and check signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 40\'b0C (set 2663 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car running condition and wait 1 sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Stop the car and check ATP\_bState}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set PARKEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check if coolant temperature was requested after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch is sent the value for engine temperature (90\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 02 (COOLING)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The cluster did not wake-up after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<N>5\_Coolant - Cluster didn't wake-up if COOLING state is set before sleep and FeTra mode is active</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>negative</a:string>

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<Ts>

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<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

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<LN>1</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>KMT\_ABFRAGE\_ENABLE</a:string>

<a:string>01</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>10</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>04</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_txData</a:string>

<a:string>31 01 0F 0C 01</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_memory\_rw\_sym\_read</a:string>

<a:string>500</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>500</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_send</a:string>

<a:string>500</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<LOC>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

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<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>026000</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

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<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<a:string>16325</a:string>

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<a:string>Update\_ATemp</a:string>

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<a:string>90</a:string>

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<LN>19</LN>

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<a:string>Check\_ATemp\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<a:string>Car\_Running</a:string>

<a:string>100</a:string>

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<AEI>23</AEI>

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<a:string>Car\_Stopped</a:string>

</P>

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<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>26</LN>

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<AAI>27</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<a:string>SetState\_PARKEN</a:string>

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<a:string>Sleep</a:string>

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<C>set\_env</C>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the cluster did not wake-up after 1 hour?"</a:string>

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<LN>32</LN>

<ANI>33</ANI>

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<a:string>WakeUp</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>ev\_diagCmd\_general\_cmd\_txData</a:string>

<a:string>31 01 0F 0C 00</a:string>

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<AAI>36</AAI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code KMT\_ABFRAGE\_ENABLE = 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=4 (4 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Activate FeTra mode using diag job}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 0\'b0C (set 16325 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set engine temperature to 90\'b0C from DME panel and check signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 40\'b0C (set 2663 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car running condition and wait 1 sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Stop the car and check ATP\_bState}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set PARKEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check if coolant temperature was requested after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 13. Deactivate FeTra mode using diag job }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. In msg. 3F9h, signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch is sent the value for engine temperature (90\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 02 (COOLING)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The cluster did not wake-up after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<V>40\_177</V>

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<LT>Functional</LT>

<F>Yes</F>

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<N>5\_Coolant - Cluster didn't wake-up after 1h when COLD state is set before sleep</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

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<a:string>tp</a:string>

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</TSs>

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<a:string>SetState\_PRUEFEN</a:string>

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<LN>1</LN>

<ANI>2</ANI>

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<a:string>CODE</a:string>

<a:string>KMT\_ABFRAGE\_ENABLE</a:string>

<a:string>01</a:string>

</P>

<LN>2</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>3</LN>

<ANI>4</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>5</LN>

<ANI>6</ANI>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<LN>6</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>20</a:string>

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<ANI>8</ANI>

<AAI>8</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Check\_ATemp\_TEMP\_ENG\_DRV</a:string>

<a:string>20</a:string>

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<LN>8</LN>

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<C>call\_macro</C>

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<a:string>Car\_Running</a:string>

<a:string>100</a:string>

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<C>delay</C>

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<a:string>1000</a:string>

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<LN>10</LN>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

</P>

<LN>11</LN>

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<a:string>610000</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>13</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

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<LN>15</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_STAND</a:string>

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<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

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<a:string>60</a:string>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the cluster did not wake-up after 1 hour?"</a:string>

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<C>call\_macro</C>

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<a:string>WakeUp</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<LN>22</LN>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code KMT\_ABFRAGE\_ENABLE = 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 30\'b0C (set 4000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set engine temperature to 20\'b0C from DME panel and check signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car running condition and wait 1 secthen stop the car}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 600sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set STAND state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check if coolant temperature was requested after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch is sent the value for engine temperature (20\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 03 (COLD)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The cluster did not wake-up after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OEMID i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_177</V>

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<LT>Functional</LT>

<F>Yes</F>

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<V>40\_178</V>

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<LT>Functional</LT>

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<NFT>No</NFT>

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<CH>5\_Coolant</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>23</bAAI>

<bAEI>23</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_150]</ID>

<N>5\_Coolant - Cluster didn't wake-up when COLD state is set before sleep and KMT\_ABFRAGE\_ENABLE = 0</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>negative</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

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<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>KMT\_ABFRAGE\_ENABLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>R1</a:string>

<a:string>4000</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>20</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Check\_ATemp\_TEMP\_ENG\_DRV</a:string>

<a:string>20</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<LOC>

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<C>delay</C>

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<a:string>610000</a:string>

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<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3600000</a:string>

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<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the cluster did not wake-up after 1 hour?"</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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</Ts>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code KMT\_ABFRAGE\_ENABLE = 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 30\'b0C (set 4000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set engine temperature to 20\'b0C from DME panel and check signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car running condition, wait 1 sec then stop the car}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 600sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set PARKEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check if coolant temperature was requested after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. In msg. 3F9h, signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch is sent the value for engine temperature (20\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 03 (COLD)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The cluster did not wake-up after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<C i:nil="true" />

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<bAEI>22</bAEI>

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</OTP>

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<ID>[SSTS\_GEN5CI\_ATP\_151]</ID>

<N>5\_Coolant - Cluster didn't wake-up when COLD state is set before sleep and FeTra mode is active</N>

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<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>negative</a:string>

</TSs>

<Ts>

<T>

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<LOC>

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<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>KMT\_ABFRAGE\_ENABLE</a:string>

<a:string>01</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_txData</a:string>

<a:string>31 01 0F 0C 01</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_memory\_rw\_sym\_read</a:string>

<a:string>500</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<C>delay</C>

<P>

<a:string>500</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_send</a:string>

<a:string>500</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<C>delay</C>

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<a:string>1000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>026000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>13</LN>

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<AAI>14</AAI>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>4000</a:string>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>20</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Check\_ATemp\_TEMP\_ENG\_DRV</a:string>

<a:string>20</a:string>

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<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>2663</a:string>

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<a:string>Car\_Running</a:string>

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<a:string>Car\_Stopped</a:string>

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<AT>tempRAMSymbolValue</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

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<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

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<a:string>SetState\_PARKEN</a:string>

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<a:string>Sleep</a:string>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the cluster did not wake-up after 1 hour?"</a:string>

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<a:string>WakeUp</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>ev\_diagCmd\_general\_cmd\_txData</a:string>

<a:string>31 01 0F 0C 00</a:string>

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<a:string>ev\_diagCmd\_memory\_rw\_sym\_read</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code KMT\_ABFRAGE\_ENABLE = 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Activate FeTra mode using diag job}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 30\'b0C (set 4000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set engine temperature to 20\'b0C from DME panel and check signal TEMP\_ENG\_DRV}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car running condition and wait 1 sec then stop the car}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 600sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. }{\ltrch Check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set PARKEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check if coolant temperature was requested after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Deactivate FeTra mode using diag job }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch is sent the value for engine temperature (20\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 03 (COLD)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The cluster did not wake-up after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<N>5\_Coolant - Cluster did wake-up if before 1h alarm COOLING state is reached</N>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>KMT\_ABFRAGE\_ENABLE</a:string>

<a:string>01</a:string>

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<C>call\_macro</C>

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<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

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<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>8</a:string>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<a:string>Car\_Stopped</a:string>

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<ANI>9</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>120</a:string>

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<C>call\_macro</C>

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<a:string>Check\_ATemp\_TEMP\_ENG\_DRV</a:string>

<a:string>120</a:string>

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<a:string>SetState\_FAHREN</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Running</a:string>

<a:string>100</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

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<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

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<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<C>call\_macro</C>

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<a:string>SetState\_PARKEN</a:string>

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<a:string>Sleep</a:string>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>"Is it true that the cluster did NOT wake-up after 1 hour?"</a:string>

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<LN>23</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>WakeUp</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<AT>tempRAMSymbolValue</AT>

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<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

</P>

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<C>check\_if</C>

<P>

<a:string>stackRaw==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

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<ANI>35</ANI>

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<C>check\_if</C>

<P>

<a:string>stackATP\_filt==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

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<AEI>36</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code KMT\_ABFRAGE\_ENABLE = 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=01 (1h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=8 (8 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 3\'b0C (set 13700 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 120\'b0C; }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value value to 11\'b0C (set 9300 ohm using a resistance decade) and wait 30min (1800sec) until coding ATP\_ABKUEHL\_TIMEOUT=1h start counting }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if coolant temperature was requested after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Wake-up the cluster and check ATP\_bState, AtempFilt and AtempUnfilt/raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. The cluster did NOT wake-up after 1 hour }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. RAM symbol ATP\_bState should be 03 (COLD)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After wake-up the AtempFilt=AtempUnfilt/raw = 11\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<VAR />

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<V>40\_178</V>

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<LT>Functional</LT>

<F>Yes</F>

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<N>5\_Coolant - Cluster didn't wake-up if before 1h alarm COLD state is reached</N>

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<a:string>GEN5\_HIGH</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>SetState\_PRUEFEN</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>KMT\_ABFRAGE\_ENABLE</a:string>

<a:string>01</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>10</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>4</a:string>

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<LN>4</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>4000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

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<a:string>Check\_ATemp\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<a:string>SetState\_FAHREN</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

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<AAI>14</AAI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>600000</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>18</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PARKEN</a:string>

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<LN>19</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>20</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>2663</a:string>

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<LN>21</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3600000</a:string>

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<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the cluster did NOT wake-up after 1 hour?"</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

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<LN>24</LN>

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<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>25</LN>

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<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>26</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

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<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>28</LN>

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<AAI>29</AAI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>29</LN>

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<AEI>30</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>30</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>31</LN>

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<C>check\_if</C>

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<a:string>tempATemp==40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>32</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

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<C>check\_if</C>

<P>

<a:string>stackRaw==40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>34</LN>

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<C>check\_if</C>

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<a:string>stackATP\_filt==40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code KMT\_ABFRAGE\_ENABLE = 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=4 (4 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 30\'b0C (set 4000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine status to engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C from DME panel}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car running condition; wait 1 sec; Stop the car}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 600sec and check ATP\_bState}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Put cluster in sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set tempFilt value to 40\'b0C (set 2663 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if coolant temperature was requested after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Wake-up the cluster and check ATP\_bState, AtempFilt and AtempUnfilt/raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. The cluster did NOT wake-up after 1 hour}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. RAM symbol ATP\_bState should be 03 (COLD)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After wake-up the AtempFilt=AtempUnfilt/raw = 40\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5465</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_177</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_178</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<NFT>No</NFT>

<RSS />

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<CH>5\_Coolant</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>36</bAAI>

<bAEI>36</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_154]</ID>

<N>6\_Damping - No damping is applied if the Atemp value changes to a lower value</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that on display value for Atemp is 10°C (Atemp raw value = Atemp filtered value)?"</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

</LOCs>

</T>

</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check Atemp value on display and on msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Atemp value on cluster decreased to 10\'b0C. }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Both signals from msg. ID 2CAh (TEMP\_EX and TEMP\_EX\_UNFILT) send the value of 10\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch This means that Atemp raw value = Atemp filtered value}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5481</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

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<LT>Functional</LT>

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<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_10550</V>

<DURL i:nil="true" />

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_5467</V>

<DURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_5468</V>

<DURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_5469</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>6\_Damping</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>15</bAAI>

<bAEI>15</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_155]</ID>

<N>6\_Damping - Damping PT1-filter is applied if the Atemp value changes to a higher value</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==25</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is true that on display value for Atemp is 10°C but on CAN values are different (Atemp raw value &lt;&gt; Atemp filtered value)?"</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

</LOCs>

</T>

</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 50\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check Atemp value on display and on msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Atemp value displayed on cluster is 10\'b0C. }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Signal "TEMP\_EX" from msg. ID 2CAh sends the value of 10\'b0C and the signal "TEMP\_EX"\_UNFILT from msg. ID 2CAh send the value of 25\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch This means that Atemp raw value &lt;&gt; Atemp filtered value and PT1-filter is applied.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Note: Check the calculation for PT1-filter in 6\_Damping\_calc parameterzation sheet }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_5481</V>

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<S>CHK</S>

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<LT>Functional</LT>

<F>Yes</F>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_5467</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_5468</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_5469</V>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>6\_Damping</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>15</bAAI>

<bAEI>15</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_156]</ID>

<N>6\_Damping - Reset of PT1-Filter</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

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<LN>1</LN>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<a:string>tempATemp==25</a:string>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>Atemp\_value\_nok</a:string>

</P>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a reset (HW reset)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check Atemp values on msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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}&#xD;

}</EE>

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<LT>Functional</LT>

<F>Yes</F>

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<N>6\_Damping - Time constant Z1 -

(KMT-ATempFilt) ≤ 40°C and engine running</N>

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<a:string>28</a:string>

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<a:string>1E</a:string>

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<a:string>1</a:string>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

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<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<C>ssb\_to\_hexa</C>

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<a:string>tempResponse</a:string>

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<a:string>tempResponse==0xDC05</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z8\_is\_not\_used</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

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<a:string>tempATemp==27.84</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<P>

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<LN>23</LN>

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<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>38</LN>

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<LN>41</LN>

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<a:string>0.5</a:string>

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<a:string>ATemp\_not\_expected</a:string>

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<a:string>Car\_Stopped</a:string>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*1500s=7500s (125 min)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 3 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 60 sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 35\'b0C (set 3200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt (35\'b0C) after 7500 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch (RAM variable=5DCh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. AtempFilt=AtempUnfilt (35\'b0C) after 7500 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<ID>[SSTS\_GEN5CI\_ATP\_158]</ID>

<N>6\_Damping - Negative test for Time constant Z1 -

(KMT-ATempFilt) NOT ≤ 20°C and engine running using ATP\_DELTA\_K1=14</N>

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<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>auto</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>14</a:string>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_FAKTOR</a:string>

<a:string>00</a:string>

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<ANI>5</ANI>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_OFFSET</a:string>

<a:string>1E</a:string>

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<LN>5</LN>

<ANI>6</ANI>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<AAI>7</AAI>

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<a:string>R1</a:string>

<a:string>5000</a:string>

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<a:string>Update\_ATemp</a:string>

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<C>delay</C>

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<a:string>3000</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>45</a:string>

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<ANI>11</ANI>

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<a:string>R1</a:string>

<a:string>3200</a:string>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Running</a:string>

<a:string>3</a:string>

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<LN>13</LN>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>14</LN>

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<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<AT>tempResponse</AT>

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<C>check\_if</C>

<P>

<a:string>tempResponse==0xDC05</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z1\_is\_used</a:string>

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<LN>18</LN>

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<AAI>19</AAI>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>46</a:string>

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<a:string>60000</a:string>

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<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch KMT-ATempFilt (46-25) is 21 wich is not \u8804? 20\'b0C =&gt; Z1 is not applied}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 14 (20\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 45\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 35\'b0C (set 3200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 3 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 60 sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set engine temperature to 46\'b0C , wait 60 sec and Check Time Constant using RAM variable ATP\_wTimeConstant, size 2 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. The Atemp Time Constant Z6 is used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable is FFFFh) because (KMT-ATempFilt witch is 46-25=21) NOT \u8804? 20\'b0C }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

<F>Yes</F>

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<ID>[SSTS\_GEN5CI\_ATP\_159]</ID>

<N>Obsolete - 6\_Damping - Negative test for Time constant Z1 -

(KMT-ATempFilt) NOT ≤ 20°C and engine running using ATP\_DELTA\_K1=14</N>

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<a:string>2</a:string>

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<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z1\_is\_used</a:string>

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{\f2 {\i\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch KMT-ATempFilt (46-25) is 21 wich is not \u8804? 20\'b0C =&gt; Z1 is not applied}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\i\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Code ATP\_DELTA\_K1 to 14 (20\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set engine temperature to 45\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set AtempUnfilt value to 35\'b0C (set 3200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set car speed to v = 3 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Wait 60 sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch 1. Check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch 2. Set engine temperature to 46\'b0C , wait 60 sec and Check Time Constant using RAM variable ATP\_wTimeConstant, size 2 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\i\ltrch 1. The Atemp Time Constant Z1 is used (5DCh) because (KMT-ATempFilt witch is 45-25=20) \u8804? 20\'b0C }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch 2. The Atemp Time Constant Z6 is used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch (RAM variable is FFFFh) because (KMT-ATempFilt witch is 46-25=21) NOT \u8804? 20\'b0C }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<ID>[SSTS\_GEN5CI\_ATP\_160]</ID>

<N>6\_Damping - Time constant Z1 -

(KMT-ATempFilt) &gt; 40°C and engine running</N>

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<a:string>auto</a:string>

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<a:string>00</a:string>

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<a:string>28</a:string>

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<a:string>SetState\_FAHREN</a:string>

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<C>call\_macro</C>

<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<C>ssb\_to\_hexa</C>

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<C>check\_if</C>

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<a:string>tempResponse==0xDC05</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z1\_is\_not\_used</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*1500s=7500s (125 min)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 0\'b0C (set 16300 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 25 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 60sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt (15\'b0C) after 7500 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch (RAM variable=5DCh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. AtempFilt=AtempUnfilt (15\'b0C) after 7500 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<N>6\_Damping - Time constant Z2 -

(KMT-ATempFilt) &gt; 40°C and engine running</N>

<TSs>

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<a:string>Prio1</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

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<a:string>ATP\_DELTA\_K2</a:string>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_OFFSET</a:string>

<a:string>1E</a:string>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<a:string>R1</a:string>

<a:string>16300</a:string>

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<a:string>Update\_ATemp</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<a:string>Car\_Running</a:string>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

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<C>check\_if</C>

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<a:string>tempResponse==0x2C01</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z2\_is\_not\_used</a:string>

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<AT>tempATemp</AT>

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<a:string>Atemp\_value\_nok</a:string>

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<LN>22</LN>

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<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>24</LN>

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<a:string>50000</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>26</LN>

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<P>

<a:string>tempATemp==4.26</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<AT>tempATemp</AT>

<P>

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</P>

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<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>29</LN>

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<C>delay</C>

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<a:string>100000</a:string>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

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<P>

<a:string>tempATemp==7.31</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>32</LN>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>33</LN>

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<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>800000</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>tempATemp==14.47</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>500000</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

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<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>delay</C>

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<a:string>6000</a:string>

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<AT>tempATP\_filt</AT>

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<a:string>Read\_ATP\_filtered\_C</a:string>

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<C>check\_if</C>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*300s=1500s (25 min)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 0\'b0C (set 16300 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 50 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 60sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt (15\'b0C) after 1500 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. The Atemp Time Constant Z2 is used.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=12Ch)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. AtempFilt=AtempUnfilt (15\'b0C) after 1500 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OURL i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<LT>Functional</LT>

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<LT>Functional</LT>

<F>Yes</F>

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<F>Yes</F>

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<ID>[SSTS\_GEN5CI\_ATP\_162]</ID>

<N>6\_Damping - Time constant Z3 -

(KMT-ATempFilt) ≤ 40°C and engine running</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>28</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K2</a:string>

<a:string>40</a:string>

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<LN>4</LN>

<ANI>5</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_FAKTOR</a:string>

<a:string>00</a:string>

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<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_OFFSET</a:string>

<a:string>1E</a:string>

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<ANI>7</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>9</LN>

<ANI>10</ANI>

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<C>delay</C>

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<a:string>3000</a:string>

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<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<ANI>12</ANI>

<AAI>12</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

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<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>5</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

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<C>delay</C>

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<a:string>60000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<LN>16</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0x3C00</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z3\_is\_not\_used</a:string>

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<LN>18</LN>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>3265</a:string>

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<AEI>20</AEI>

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<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

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<ANI>21</ANI>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==26.55</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>23</LN>

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<P>

<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<P>

<a:string>10000</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<P>

<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>tempATemp==28.96</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>33</LN>

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<P>

<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>tempATemp==30.68</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>0.5</a:string>

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</P>

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<a:string>dec</a:string>

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<AT>tempATP\_filt</AT>

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<a:string>Read\_ATP\_filtered\_C</a:string>

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<a:string>tempATP\_filt==35</a:string>

<a:string>0.5</a:string>

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<a:string>ATemp\_not\_expected</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*60s=300s (5 min)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 5 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 60 sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 35\'b0C (set 3265 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt (35\'b0C) after 300 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. The Atemp Time Constant Z3 is used.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=3Ch)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. AtempFilt=AtempUnfilt (35\'b0C) after 300 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

<F>Yes</F>

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<ID>[SSTS\_GEN5CI\_ATP\_163]</ID>

<N>Obsolete - 6\_Damping - Time constant Z3 -

(KMT-ATempFilt) ≤ 40°C and engine running</N>

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<a:string>Obsolete</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>28</a:string>

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<LN>3</LN>

<ANI>4</ANI>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>5000</a:string>

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<a:string>Update\_ATemp</a:string>

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<C>delay</C>

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<a:string>3000</a:string>

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<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<ANI>12</ANI>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<LN>12</LN>

<ANI>13</ANI>

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<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>5</a:string>

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<LN>13</LN>

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<C>set\_env</C>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

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<C>delay</C>

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<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<LN>16</LN>

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<C>ssb\_to\_hexa</C>

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<P>

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<LN>17</LN>

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<SC>skip,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>tempResponse==0x3C00</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z3\_is\_not\_used</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<LN>21</LN>

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<a:string>tempATemp==26.55</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>23</LN>

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<P>

<a:string>tempATemp==35</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>24</LN>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>Read\_ATP\_filtered\_C</a:string>

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<a:string>60</a:string>

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{\f2 {\i\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*60s=300s (5 min)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\i\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set car speed to v = 5 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch 1. Wait 60 sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set AtempUnfilt value to 35\'b0C (set 3265 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch 2. Check if AtempFilt=AtempUnfilt (35\'b0C) after 300 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\i\ltrch (RAM variable=3Ch)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch 2. AtempFilt=AtempUnfilt (35\'b0C) after 300 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

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<LT>Functional</LT>

<F>Yes</F>

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<CH>6\_Damping</CH>

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<ID>[SSTS\_GEN5CI\_ATP\_164]</ID>

<N>6\_Damping - Time constant Z3 -

(KMT-ATempFilt) &gt; 40°C and engine running</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<LN>2</LN>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

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<a:string>3000</a:string>

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<a:string>90</a:string>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>80</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>60000</a:string>

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<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0x3C00</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z3\_is\_not\_used</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>7800</a:string>

</P>

<LN>19</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==10.77</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>24</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>20000</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>26</LN>

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<C>check\_if</C>

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<a:string>tempATemp==11.98</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>28</LN>

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<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>29</LN>

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</P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AEI>32</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==12.84</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>33</LN>

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<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>34</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>100000</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

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<C>check\_if</C>

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<a:string>tempATemp==14.06</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>39</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>150000</a:string>

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<C>check\_if</C>

<P>

<a:string>tempATemp==14.97</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

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<P>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>44</LN>

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<a:string>6000</a:string>

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<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>46</LN>

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<C>check\_if</C>

<P>

<a:string>tempATP\_filt==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<LN>47</LN>

<ANI>48</ANI>

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<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>49</LN>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*60s=300s (5 min)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 80 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 60 sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt (15\'b0C) after 300 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. The Atemp Time Constant Z3 is used.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=3Ch)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. AtempFilt=AtempUnfilt (15\'b0C) after 300 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<V>40\_13226</V>

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<LT>Functional</LT>

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<F>Yes</F>

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<V>40\_13228</V>

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<F>Yes</F>

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<ID>[SSTS\_GEN5CI\_ATP\_165]</ID>

<N>6\_Damping - Blocking period when codings ATP\_SPERR\_FAKTOR is set to 00 and ATP\_SPERR\_OFFSET to 01</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>28</a:string>

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<LN>3</LN>

<ANI>4</ANI>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K2</a:string>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_FAKTOR</a:string>

<a:string>00</a:string>

</P>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_OFFSET</a:string>

<a:string>01</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<AAI>8</AAI>

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<C>set\_env</C>

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<a:string>9949</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<a:string>SetState\_FAHREN</a:string>

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<P>

<a:string>Car\_Running</a:string>

<a:string>80</a:string>

</P>

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<a:string>1000</a:string>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>hex</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

</P>

<LN>18</LN>

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<AAI>19</AAI>

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<a:string>4000</a:string>

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<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

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<AEI>21</AEI>

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<C>ssb\_to\_hexa</C>

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<P>

<a:string>tempResponse</a:string>

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<LN>21</LN>

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<AAI>22</AAI>

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<C>check\_if</C>

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<a:string>tempResponse!=0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

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<LN>22</LN>

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<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<C>set\_env</C>

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<a:string>60</a:string>

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<ANI>25</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 80 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 1sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Wait another 4sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch (RAM variable=FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. The Atemp Time Constant Z6 is NOT used anymore.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable&lt;&gt;FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<N>6\_Damping - Blocking period when codings ATP\_SPERR\_FAKTOR is set to 01 and ATP\_SPERR\_OFFSET to 01</N>

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<a:string>Prio3</a:string>

<a:string>auto</a:string>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

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<a:string>ATP\_DELTA\_K2</a:string>

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<a:string>ATP\_SPERR\_FAKTOR</a:string>

<a:string>01</a:string>

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<a:string>ATP\_SPERR\_OFFSET</a:string>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<a:string>9949</a:string>

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<a:string>SetState\_FAHREN</a:string>

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<P>

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<a:string>20</a:string>

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<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<LN>16</LN>

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<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

</P>

<LN>18</LN>

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<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

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<AT>tempResponse</AT>

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<a:string>tempResponse</a:string>

</P>

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<AAI>22</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

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<a:string>tempResponse!=0xFFFF</a:string>

<a:string>0</a:string>

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<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

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<AAI>23</AAI>

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<C>call\_macro</C>

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<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>24</LN>

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<AAI>25</AAI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 20 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 80 sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Wait another 5sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch (RAM variable=FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. The Atemp Time Constant Z6 is NOT used anymore.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable&lt;&gt;FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

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<F>Yes</F>

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<LT>Functional</LT>

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<F>Yes</F>

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<ID>[SSTS\_GEN5CI\_ATP\_167]</ID>

<N>6\_Damping - Time constant Z4 -

(KMT-ATempFilt) ≤ 40°C and engine stopped</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>28</a:string>

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<LN>3</LN>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K2</a:string>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_FAKTOR</a:string>

<a:string>00</a:string>

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<P>

<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_OFFSET</a:string>

<a:string>1E</a:string>

</P>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>8</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<AEI>10</AEI>

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<C>delay</C>

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<a:string>3000</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<a:string>Car\_Stopped</a:string>

</P>

<LN>12</LN>

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<AEI>13</AEI>

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<a:string>60000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0x100E</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z4\_is\_not\_used</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>R1</a:string>

<a:string>4000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>2000000</a:string>

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<LN>18</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<LN>19</LN>

<ANI>20</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

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<a:string>tempATemp==27.13</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>20</LN>

<ANI>21</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<LN>21</LN>

<ANI>22</ANI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>22</LN>

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<a:string>1600000</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>24</LN>

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<C>check\_if</C>

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<a:string>tempATemp==28.16</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<LN>26</LN>

<ANI>27</ANI>

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<P>

<a:string>tempATemp==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>27</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>tempATemp==29.32</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<LN>31</LN>

<ANI>32</ANI>

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<P>

<a:string>tempATemp==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>delay</C>

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<a:string>3600000</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>tempATemp==29.79</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>call\_macro</C>

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<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>7200000</a:string>

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<C>call\_macro</C>

<AT>tempATemp</AT>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<a:string>tempATemp==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>42</LN>

<ANI>43</ANI>

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<C>delay</C>

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<a:string>6000</a:string>

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<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

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<C>check\_if</C>

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<a:string>tempATP\_filt==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<ANI>47</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*3600s=18000s (5 hours)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 0 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 60sec and check Time Constant using RAM variable }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 30\'b0C (set 4000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt (30\'b0C) after 18000 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. The Atemp Time Constant Z4 is used.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=E10h)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. AtempFilt=AtempUnfilt (30\'b0C) after 18000 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

<F>Yes</F>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_168]</ID>

<N>6\_Damping - Time constant Z5 -

40°C &lt; (KMT-ATempFilt) ≤ 64°C and engine stopped</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>SetState\_PRUEFEN</a:string>

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<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<LN>2</LN>

<ANI>3</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>28</a:string>

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<AEI>4</AEI>

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<a:string>ATP\_DELTA\_K2</a:string>

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<a:string>ATP\_SPERR\_FAKTOR</a:string>

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</P>

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<P>

<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_OFFSET</a:string>

<a:string>1E</a:string>

</P>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

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<LN>8</LN>

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<AAI>9</AAI>

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<P>

<a:string>Update\_ATemp</a:string>

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<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

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<C>delay</C>

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<a:string>3000</a:string>

</P>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<AAI>12</AAI>

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<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>60000</a:string>

</P>

<LN>13</LN>

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<AAI>14</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0x5046</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z5\_is\_not\_used</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<a:string>R1</a:string>

<a:string>6200</a:string>

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<C>delay</C>

<P>

<a:string>18000000</a:string>

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<AAI>19</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<ANI>20</ANI>

<AEI>20</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==16.32</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>22</LN>

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<C>delay</C>

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<a:string>18000000</a:string>

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<LN>23</LN>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>24</LN>

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<a:string>tempATemp==18.64</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>check\_if</C>

<P>

<a:string>tempATemp==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<LN>36</LN>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>6000</a:string>

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<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

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<a:string>tempATP\_filt==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<LN>47</LN>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*18000s=90000s (25 hours)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 0 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 60sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 20\'b0C (set 6200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt (20\'b0C) after 90000 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch (RAM variable=4650h)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. AtempFilt=AtempUnfilt (20\'b0C) after 90000 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

<F>Yes</F>

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<LT>Functional</LT>

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<V>40\_13228</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

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<F>Yes</F>

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<ID>[SSTS\_GEN5CI\_ATP\_169]</ID>

<N>6\_Damping - Negative test for Time constant Z5 -

40°C &lt; (KMT-ATempFilt) ≤ 50°C and engine stopped</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>negative</a:string>

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<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<P>

<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>28</a:string>

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<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K2</a:string>

<a:string>32</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<a:string>R1</a:string>

<a:string>16100</a:string>

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<AAI>7</AAI>

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<a:string>Update\_ATemp</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>3000</a:string>

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<AAI>9</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>50</a:string>

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<a:string>R1</a:string>

<a:string>9945</a:string>

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<AAI>11</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>Car\_Stopped</a:string>

</P>

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<ANI>12</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>60000</a:string>

</P>

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<ANI>13</ANI>

<AAI>13</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0x5046</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z5\_is\_not\_used</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>51</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<C>delay</C>

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<a:string>60000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

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<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

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<a:string>tempResponse</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 32 (50\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 0\'b0C (set 16100 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 50\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 10\'b0C (set 9945 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 0 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set engine temperature to 51\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch (RAM variable=4650h) because (KMT-ATempFilt in this case 50-0) \u8804? 50\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. The Atemp Time Constant Z6 is used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=FFFFh) because (KMT-ATempFilt in this case 51-0=51) NOT \u8804? 50\'b0C and is applied (KMT-ATempFilt) &gt; 50\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<eAEI>-2</eAEI>

</OTP>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_170]</ID>

<N>6\_Damping - Time constant Z6 -

(KMT-ATempFilt) &gt; 64°C and engine stopped</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>28</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>ATP\_DELTA\_K2</a:string>

<a:string>40</a:string>

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<C>call\_macro</C>

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<a:string>00</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_OFFSET</a:string>

<a:string>1E</a:string>

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<C>set\_env</C>

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<a:string>1</a:string>

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<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>21000</a:string>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<ANI>13</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>60000</a:string>

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<LN>13</LN>

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<AAI>14</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>15</LN>

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<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

</P>

<LN>16</LN>

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<P>

<a:string>R1</a:string>

<a:string>16300</a:string>

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<LN>17</LN>

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<C>delay</C>

<P>

<a:string>15535000</a:string>

</P>

<LN>18</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<LN>19</LN>

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<P>

<a:string>tempATemp==-3.94</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>21</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==0</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>22</LN>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>tempATemp==-1.83</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<P>

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<a:string>tempATemp==0</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>tempATemp==-0.67</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>tempATemp==0</a:string>

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<a:string>dec</a:string>

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<a:string>0.5</a:string>

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<a:string>ATemp\_not\_expected</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*65535s=327675s (91 hours)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C;}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to -5\'b0C (set 21000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 0 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 60sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 0\'b0C (set 16300 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt (0\'b0C) after 327675 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. The Atemp Time Constant Z6 is used.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. AtempFilt=AtempUnfilt (0\'b0C) after 327675 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

<F>Yes</F>

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<F>Yes</F>

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<F>Yes</F>

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<CH>6\_Damping</CH>

<OBSOLETE>

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<N>6\_Damping - Time constant Z6 -

KMT ≥ 70°C and engine stopped</N>

<TSs>

<a:string>GEN5HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

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<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<LN>2</LN>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>28</a:string>

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<LN>3</LN>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_FAKTOR</a:string>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_OFFSET</a:string>

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<a:string>1</a:string>

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<a:string>12600</a:string>

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<a:string>Update\_ATemp</a:string>

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<C>delay</C>

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<a:string>3000</a:string>

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<a:string>90</a:string>

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<a:string>Car\_Stopped</a:string>

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<C>delay</C>

<P>

<a:string>60000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<P>

<a:string>R1</a:string>

<a:string>6200</a:string>

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<C>delay</C>

<P>

<a:string>15535000</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>19</LN>

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<P>

<a:string>tempATemp==8.17</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>21</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<P>

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<a:string>tempATemp==14.48</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>27</LN>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>tempATemp==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

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</P>

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<a:string>Read\_ATP\_filtered\_C</a:string>

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<C>check\_if</C>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*65535s=327675s (91 hours)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 5\'b0C (set 12600 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch set car speed to v = 0 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 60sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 20\'b0C (set 6200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt (20\'b0C) after 327675 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. The Atemp Time Constant Z6 is used.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. AtempFilt=AtempUnfilt (20\'b0C) after 327675 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<V>40\_13226</V>

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<CH>6\_Damping</CH>

<OBSOLETE>

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<bANI>1</bANI>

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<bAEI>48</bAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_172]</ID>

<N>6\_Damping - Time constant Z6 -

(KMT-ATempFilt) &gt; 40°C and engine running</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>28</a:string>

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<LN>3</LN>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K2</a:string>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_FAKTOR</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_OFFSET</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<a:string>Update\_ATemp</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>3000</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<a:string>SetState\_FAHREN</a:string>

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<LN>12</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>10</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>60000</a:string>

</P>

<LN>15</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<P>

<a:string>R1</a:string>

<a:string>6200</a:string>

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<LN>19</LN>

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<a:string>15535000</a:string>

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<LN>20</LN>

<ANI>21</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<P>

<a:string>tempATemp==11.06</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>22</LN>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>23</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>24</LN>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>tempATemp==13.16</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<LN>28</LN>

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<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>29</LN>

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<a:string>65535000</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AEI>32</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==14.32</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>32</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>33</LN>

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<AEI>34</AEI>

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<P>

<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

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<a:string>Atemp\_value\_nok</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<C>check\_if</C>

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<a:string>tempATemp==15</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>call\_macro</C>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

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<a:string>tempATemp==14.96</a:string>

<a:string>0.5</a:string>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>6000</a:string>

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<C>call\_macro</C>

<AT>tempATP\_filt</AT>

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<a:string>Read\_ATP\_filtered\_C</a:string>

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<C>check\_if</C>

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<a:string>tempATP\_filt==15</a:string>

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<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<ANI>48</ANI>

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<AEI>48</AEI>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*65535s=327675s (91 hours)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 10 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 60sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt (15\'b0C) after 327675 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. The Atemp Time Constant Z6 is used.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. AtempFilt=AtempUnfilt (15\'b0C) after 327675 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<V>40\_13226</V>

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<LT>Functional</LT>

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<V>40\_13228</V>

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<CH>6\_Damping</CH>

<OBSOLETE>

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<ID>[SSTS\_GEN5CI\_ATP\_173]</ID>

<N>6\_Damping - Damping when ATP\_ABKUEHL\_TIMEOUT and ATP\_ABKUEHL\_TOLERANZ are used</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>10</a:string>

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<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>08</a:string>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>6245</a:string>

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<LN>6</LN>

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<AAI>7</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<LN>7</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>3000</a:string>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<a:string>50</a:string>

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<AT>tempRAMSymbolValue</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<a:string>tempEng\_Status==02</a:string>

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<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<a:string>tempResponse==0x100E</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z4\_is\_not\_used</a:string>

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<a:string>Sleep</a:string>

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<a:string>WakeUp</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=8 (8 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 20\'b0C (set 6245 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 50\'b0C; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 32\'b0C (set 3701.5 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 73 min (4375 sec) until AtempFilt=28.5\'b0C because then swATempRaw &lt;= ATP.swATempFilt + toleranz (32 &lt;=28.5+8) and COLD state is set NOT (ATP\_bState=02) and Z4 was used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Condition swATempRaw &lt;= ATP.swATempFilt + toleranz will be checked after 2h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check }{\ltrch ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check AtempFilt and AtempUnfilt/raw }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After wake-up the AtempFilt=28.5\'b0C and AtempUnfilt/raw = 32\'b0C.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-90}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<ID>[SSTS\_GEN5CI\_ATP\_174]</ID>

<N>6\_Damping - Damping when ATP\_ABKUEHL\_TIMEOUT=00 and cluster is wake-up after 1h</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

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<a:string>04</a:string>

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<a:string>1</a:string>

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<a:string>Update\_ATemp</a:string>

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<a:string>100</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

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<a:string>1</a:string>

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<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

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<C>check\_if</C>

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<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

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<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<AT>tempResponse</AT>

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<a:string>tempResponse</a:string>

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<C>check\_if</C>

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<a:string>tempResponse==0x5046</a:string>

<a:string>0</a:string>

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<a:string>The\_Atemp\_Time\_Constant\_Z5\_is\_not\_used</a:string>

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<a:string>SetState\_PARKEN</a:string>

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<C>delay</C>

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<a:string>10000</a:string>

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<P>

<a:string>WakeUp</a:string>

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<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<P>

<a:string>tempATemp==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<P>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>31</LN>

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<a:string>Read\_ATP\_RAW\_FILT</a:string>

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<P>

<a:string>stackRaw==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

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<C>check\_if</C>

<P>

<a:string>stackATP\_filt==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

</P>

<LN>34</LN>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=00 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=04}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 10\'b0C (set 9945 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 60\'b0C; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 20\'b0C (set 6245 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1h (3600sec) according to ATP\_ABKUEHL\_TIMEOUT=00 (1h) and condition is not meet swATempRaw &lt;= ATP.swATempFilt + toleranz (20 &lt;=11.5 (after 3600sec)+4) ;}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch COLD state is set (ATP\_bState=03) and Z5 was used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check }{\ltrch ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt/raw (20\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After wake-up the AtempFilt=AtempUnfilt/raw (20\'b0C) immediately}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<N>6\_Damping - Damping when ATP\_ABKUEHL\_TIMEOUT=00 and cluster is wake-up after 0.5h -Negative test</N>

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<a:string>GEN5\_HIGH</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>04</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>5</LN>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>27665</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<C>delay</C>

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<a:string>3000</a:string>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Car\_Running</a:string>

<a:string>100</a:string>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

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<AAI>13</AAI>

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<a:string>60000</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>16325</a:string>

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<C>delay</C>

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<a:string>1800000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<LN>17</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

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<LN>18</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

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<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

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<LN>22</LN>

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<AAI>23</AAI>

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<a:string>SetState\_PARKEN</a:string>

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<P>

<a:string>Sleep</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>10000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

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<LN>26</LN>

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<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<C>check\_if</C>

<P>

<a:string>tempATemp!=0</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>29</LN>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>30</LN>

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<P>

<a:string>tempATemp==0</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>31</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

</P>

<LN>32</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackRaw==0</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>33</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackATP\_filt!=0</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

</P>

<LN>34</LN>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=00 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=4}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to -10\'b0C (set 27665 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 60\'b0C; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 0\'b0C (set 16325 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 0.5 h (1800 sec) because after this time no condition is meet and COLD state is not set and Z6 is used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt&lt;&gt;AtempUnfilt/raw (0\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. RAM symbol ATP\_bState should be 02 (Cooling) and ATP\_wTimeConstant=FFFF}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. After wake-up the AtempFilt&lt;&gt;AtempUnfilt/raw when ATP\_ABKUEHL\_TIMEOUT=00 and cluster is wakeup after 0.5h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_18797</V>

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<F>Yes</F>

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<F>Yes</F>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<CH>6\_Damping</CH>

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<eANI>-1</eANI>

<bAAI>35</bAAI>

<bAEI>35</bAEI>

<eAEI>-2</eAEI>

</OTP>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_176]</ID>

<N>6\_Damping - Damping when ATP\_ABKUEHL\_TIMEOUT=01 and cluster is wake-up after 1h</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>01</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>05</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9945</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>60000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3600000</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0x5046</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z5\_is\_not\_used</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>60000</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==25</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==25</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AEI>33</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackRaw==25</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackATP\_filt==25</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AAI>35</AAI>

<AEI>35</AEI>

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</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=01 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=05}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 10\'b0C (set 9945 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 60\'b0C; engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 1h (3600 sec) then ATP.ulCoolingTimeout &gt;=ATP\_ABKUEHL\_TIMEOUTsec (3600&gt;=3600) and COLD state is set (ATP\_bState=03) and Z4 was used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt/raw (25\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. RAM symbol ATP\_bState should be 03 and ATP\_wTimeConstant=4650}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. After wake-up the AtempFilt=AtempUnfilt/raw (25\'b0C) immediately}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LNK>

<V>40\_18797</V>

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<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<eANI>-1</eANI>

<bAAI>35</bAAI>

<bAEI>35</bAEI>

<eAEI>-2</eAEI>

</OTP>

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</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_177]</ID>

<N>6\_Damping - Damping when ATP\_ABKUEHL\_TIMEOUT=01 and cluster is wake-up after 0.9h - Negative test</N>

<TSs>

<a:string>GEN5HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>auto</a:string>

<a:string>negative</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>01</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>03</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>88500</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

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<a:string>1000</a:string>

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<a:string>R1</a:string>

<a:string>21165</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

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<AT>tempResponse</AT>

<P>

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<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<P>

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<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

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<ANI>23</ANI>

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<a:string>Sleep</a:string>

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<a:string>WakeUp</a:string>

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<a:string>0.5</a:string>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=01 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=03}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to -30\'b0C (set 88500 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 60\'b0C; engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to -5\'b0C (set 21165 ohm using a resistance decade)Wait 0.9h (3000sec) then ATP.ulCoolingTimeout &gt;=ATP\_ABKUEHL\_TIMEOUTsec (3600&gt;3000) and COLD state is NOT set (ATP\_bState=02) and Z6 was used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt&lt;&gt;AtempUnfilt/raw (-5\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After wake-up the AtempFilt&lt;&gt;AtempUnfilt/raw when ATP\_ABKUEHL\_TIMEOUT=01 and cluster is wakeup after 0.9h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<ID>[SSTS\_GEN5CI\_ATP\_178]</ID>

<N>6\_Damping - Damping when ATP\_ABKUEHL\_TIMEOUT=1F and cluster is wake-up after 31h</N>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<P>

<a:string>R1</a:string>

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<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

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<a:string>1000</a:string>

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<a:string>Car\_Stopped</a:string>

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<AT>tempRAMSymbolValue</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

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<a:string>0</a:string>

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<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

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<a:string>ATP\_wTimeConstant</a:string>

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<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

</P>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<P>

<a:string>tempATemp==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>31</LN>

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<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

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<ANI>33</ANI>

<AEI>33</AEI>

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<C>check\_if</C>

<P>

<a:string>stackRaw==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>33</LN>

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<C>check\_if</C>

<P>

<a:string>stackATP\_filt==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=1F }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=0A}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 0\'b0C (set 16325 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 90\'b0C; engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 30\'b0C (set 4028.5 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 31h (111600sec) until coding ATP\_ABKUEHL\_TIMEOUT=31h is applied and COLD state is set and Z6 is used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt/raw (30\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After wake-up the AtempFilt=AtempUnfilt/raw (30\'b0C) immediately}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OEMID i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<LT>Functional</LT>

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<N>6\_Damping - Damping when ATP\_ABKUEHL\_TIMEOUT=1F and cluster is wake-up after 30.5h - Negative test</N>

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<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>auto</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<C>call\_macro</C>

<P>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>1F</a:string>

</P>

<LN>3</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>01</a:string>

</P>

<LN>4</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>5</LN>

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<AAI>6</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>16325</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>3000</a:string>

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<ANI>9</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>12</LN>

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<AAI>13</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>60000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>14</LN>

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<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>2663</a:string>

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<AAI>16</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>109800000</a:string>

</P>

<LN>16</LN>

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<AAI>17</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

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<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

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<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>24</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>10000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>26</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>27</LN>

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<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>28</LN>

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<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp!=40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>29</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>31</LN>

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<AAI>32</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

</P>

<LN>32</LN>

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<AEI>33</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackRaw==40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackATP\_filt!=40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=1F }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 0\'b0C (set 16325 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 90\'b0C; engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 40\'b0C (set 2663 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 30.5h (109800sec) faster then ATP\_ABKUEHL\_TIMEOUT=1F (31h)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt&lt;&gt;AtempUnfilt/raw (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After wake-up the AtempFilt&lt;&gt;AtempUnfilt/raw when ATP\_ABKUEHL\_TIMEOUT=1F and cluster is wakeup after 30.5h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<F>Yes</F>

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<N>6\_Damping - Damping set to 0 when ATP\_ABKUEHL\_TOLERANZ=03 and Atemp condifition is meet</N>

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<a:string>auto</a:string>

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<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

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<a:string>00</a:string>

</P>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>03</a:string>

</P>

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<a:string>03</a:string>

</P>

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<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>3000</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>12</LN>

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<AAI>13</AAI>

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<C>delay</C>

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<a:string>60000</a:string>

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<LN>13</LN>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

</P>

<LN>14</LN>

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<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>R1</a:string>

<a:string>4028.5</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7478000</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>20</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0x100E</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z4\_is\_not\_used</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PARKEN</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>Sleep</a:string>

</P>

<LN>24</LN>

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<C>delay</C>

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<a:string>10000</a:string>

</P>

<LN>25</LN>

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<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>26</LN>

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<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>29</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>31</LN>

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<AAI>32</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

</P>

<LN>32</LN>

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<C>check\_if</C>

<P>

<a:string>stackRaw==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackATP\_filt==30</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

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<LN>34</LN>

<ANI>35</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=03}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=03}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 60\'b0C; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 30\'b0C (set 4028.5 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 124min (7478sec) until 27\'b0C are reached then state COLD will be set (ATP\_bState=03) because condition is meet swATempRaw &lt;= ATP.swATempFilt + toleranz (30 &lt;=27 (after 7478 sec)+3) ; Condition swATempRaw &lt;= ATP.swATempFilt + toleranz will be checked after 2h is meet}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt/raw (30\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After wake-up the AtempFilt=AtempUnfilt/raw (30\'b0C) immediately}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-90}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<eAEI>-2</eAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_181]</ID>

<N>6\_Damping - Damping NOT set to 0 even if ATP\_ABKUEHL\_TOLERANZ=0F and Atemp condifition is meet</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<LN>1</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>03</a:string>

</P>

<LN>3</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>0F</a:string>

</P>

<LN>4</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>5</LN>

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<AAI>6</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>6</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<LN>9</LN>

<ANI>10</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<LN>10</LN>

<ANI>11</ANI>

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<a:string>1801</a:string>

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<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<P>

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<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<P>

<a:string>tempResponse==0x100E</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z4\_is\_not\_used</a:string>

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<a:string>Sleep</a:string>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=03 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=0F}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 60\'b0C; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 50\'b0C (set 1801 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 31 min (1838sec) until 35\'b0C are reached then state COOLING will be set (ATP\_bState=02) because condition is meet swATempRaw &lt;= ATP.swATempFilt + toleranz (50 &lt;=35 (after 4609sec)+15) ; Condition ATP.swATempFilt + toleranz will be checked only after 2h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check AtempFilt and AtempUnfilt/raw }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After wake-up the AtempFilt=35\'b0C and AtempUnfilt/raw = 50\'b0C.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-90}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<F>Yes</F>

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<ID>[SSTS\_GEN5CI\_ATP\_182]</ID>

<N>6\_Damping - Damping set to 0 when ATP\_ABKUEHL\_TOLERANZ=0F and Atemp condifition is meet</N>

<TSs>

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<a:string>1</a:string>

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<a:string>100</a:string>

</P>

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<a:string>1000</a:string>

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<a:string>Car\_Stopped</a:string>

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<a:string>R1</a:string>

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<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<AT>tempResponse</AT>

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<a:string>tempResponse==0x100E</a:string>

<a:string>0</a:string>

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<a:string>The\_Atemp\_Time\_Constant\_Z4\_is\_not\_used</a:string>

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<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>26</LN>

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<AAI>27</AAI>

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<a:string>SetState\_PARKEN</a:string>

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<a:string>Sleep</a:string>

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<a:string>10000</a:string>

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<a:string>WakeUp</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<LN>31</LN>

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<AEI>32</AEI>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<LN>32</LN>

<ANI>33</ANI>

<AEI>33</AEI>

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<P>

<a:string>tempATemp==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>33</LN>

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<P>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>Read\_ATP\_RAW\_FILT</a:string>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

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<a:string>stackATP\_filt==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

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<LN>38</LN>

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<AAI>39</AAI>

<AEI>39</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=03 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=0F}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 60\'b0C; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 50\'b0C (set 1801 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 77min (4609sec) until 35\'b0C are reached then state COOLING will be set (ATP\_bState=02) because condition is meet swATempRaw &lt;= ATP.swATempFilt + toleranz (50 &lt;=35 (after 4609sec)+15) ; Condition ATP.swATempFilt + toleranz will be checked only after 2h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait another 43min (2591 sec) to make sure condition "ATP.swATempFilt + toleranz will be checked only after 2h" is meet. }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check ATP\_bState}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check if AtempFilt=AtempUnfilt/raw (50\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. RAM symbol ATP\_bState should be 02 and ATP\_wTimeConstant=0E10}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 03}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. After wake-up the AtempFilt=AtempUnfilt/raw (50\'b0C) immediately}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<RFD i:nil="true" />

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<V>40\_18798</V>

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<N>6\_Damping - Damping set to 0 when ATP\_ABKUEHL\_TOLERANZ=07 and Atemp condifition is meet</N>

<TSs>

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<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<AAI>6</AAI>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>6</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<a:string>3000</a:string>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<LN>9</LN>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

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<C>call\_macro</C>

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<a:string>R1</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

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<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>18</LN>

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<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<a:string>tempResponse==0x100E</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z4\_is\_not\_used</a:string>

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<a:string>SetState\_PARKEN</a:string>

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<a:string>10000</a:string>

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<a:string>WakeUp</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<LN>28</LN>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>call\_macro</C>

<AT>tempATemp</AT>

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<a:string>dec</a:string>

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<C>call\_macro</C>

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<a:string>Read\_ATP\_RAW\_FILT</a:string>

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<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

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<C>check\_if</C>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=03 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=07}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 60\'b0C; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 50\'b0C (set 1801 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 123min (7352sec) until 43\'b0C are reached then state COLD will be set (ATP\_bState=03) because condition is meet swATempRaw &lt;= ATP.swATempFilt + toleranz (50 &lt;=43 (after 7352sec)+7) ; Condition ATP.swATempFilt + toleranz will be checked only after 2h is meet}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt/raw (50\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After wake-up the AtempFilt=AtempUnfilt/raw (50\'b0C) immediately}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-90}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<N>6\_Damping - Damping set to 0 when ATP\_ABKUEHL\_TOLERANZ=01 and Atemp condifition is meet</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>03</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>01</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>60000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>3265</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>12399000</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0x100E</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z4\_is\_not\_used</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AEI>33</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackRaw==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackATP\_filt==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

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<AEI>35</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=03 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 60\'b0C; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 35\'b0C (set 3265 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 207 min (12399 sec) until 34\'b0C are reached then state COLD will be set (ATP\_bState=03) because condition is meet swATempRaw &lt;= ATP.swATempFilt + toleranz (35 &lt;=34 (after 12399 sec)+1) ; }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt/raw (35\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After wake-up the AtempFilt=AtempUnfilt/raw (35\'b0C) immediately}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-90}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<CH>6\_Damping</CH>

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<eANI>-1</eANI>

<bAAI>35</bAAI>

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<eAEI>-2</eAEI>

</OTP>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_185]</ID>

<N>6\_Damping - Damping when ATP\_ABKUEHL\_TIMEOUT and ATP\_ABKUEHL\_TOLERANZ are used for Z1</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>10</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

</LOC>

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<a:string>05</a:string>

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<a:string>Update\_ATemp</a:string>

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<a:string>3</a:string>

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<AT>tempResponse</AT>

<P>

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<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<AT>tempResponse</AT>

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<P>

<a:string>tempResponse==0xDC05</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z1\_is\_not\_used</a:string>

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<a:string>Car\_Stopped</a:string>

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<AT>tempEng\_Status</AT>

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<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

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<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

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<a:string>Sleep</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=5 (5 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 60\'b0C; Engine running and car speed to v = 3 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 35\'b0C (set 3265 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 17,3 min (1039 sec) until AtempFilt=30\'b0C bacause then swATempRaw &lt;= ATP.swATempFilt + toleranz (35 &lt;=30+5) then wait another 102.7min (6162sec) until COLD state is set (ATP\_bState=03) and Z1 was used because condition ATP.swATempFilt + toleranz will be checked only after 2h are meet}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt/raw (35\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. After wake-up the AtempFilt=AtempUnfilt/raw (35\'b0C) immediately}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-90}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<F>Yes</F>

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<N>6\_Damping - Damping is not 0 after Wake-up when Z2 is used</N>

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<a:string>Car\_Running</a:string>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

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<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<a:string>tempResponse==0x2C01</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z2\_is\_not\_used</a:string>

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<a:string>Car\_Stopped</a:string>

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<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<a:string>Sleep</a:string>

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<a:string>WakeUp</a:string>

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<a:string>dec</a:string>

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<a:string>60</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=0A (10 \'b0C), }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 0\'b0C (set 16300 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 90\'b0C; Engine running and car speed to v = 50 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 15\'b0C (set 7800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 2 min (122 sec) until AtempFilt=5\'b0C bacause then swATempRaw &lt;= ATP.swATempFilt + toleranz (15 &lt;=5+10) but COLD is not set because ATP.swATempFilt + toleranz will be checked only after 2h are meet}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check AtempFilt and AtempUnfilt/raw after wake-up}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. After wake-up the AtempFilt=5\'b0C and AtempUnfilt/raw = 15\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-90}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<C i:nil="true" />

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<N>6\_Damping - Damping when ATP\_ABKUEHL\_TIMEOUT and ATP\_ABKUEHL\_TOLERANZ are used for Z3</N>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

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<a:string>R1</a:string>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

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<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<C>ssb\_to\_hexa</C>

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<C>check\_if</C>

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<a:string>tempResponse==0x3C00</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z3\_is\_not\_used</a:string>

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<AT>tempEng\_Status</AT>

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<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<a:string>dec</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>Atemp\_value\_nok</a:string>

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<AT>tempATemp</AT>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>Read\_ATP\_RAW\_FILT</a:string>

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<C>check\_if</C>

<P>

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<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

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<LN>38</LN>

<ANI>39</ANI>

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<C>check\_if</C>

<P>

<a:string>stackATP\_filt==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

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<LN>39</LN>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<LN>40</LN>

<ANI>41</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT to 10 (16h)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ to 00 (0 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state; Set engine temperature to 90\'b0C; Set engine running; Set car speed to v = 5 km/h the drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 35\'b0C (set 3265 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 5min (300 sec) until AtempFilt=35\'b0C bacause then swATempRaw &lt;= ATP.swATempFilt + toleranz (35 &lt;=35+0) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait another 10 min to make sure TerminationCriteria is evaluated but COLD is not set because ATP.swATempFilt + toleranz will be checked only after 2h are meet}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check ATP\_bState }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check AtempFilt and AtempUnfilt/raw after wake-up}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 03}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. After wake-up the AtempFilt=AtempUnfilt/raw (35\'b0C) immediately}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-90}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

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<C i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<NFT>No</NFT>

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<CH>6\_Damping</CH>

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<N>6\_Damping - Damping is still calculated after car is in sleep for 47 min</N>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>10</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>08</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

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<P>

<a:string>R1</a:string>

<a:string>9945</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<ANI>8</ANI>

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<a:string>3000</a:string>

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<a:string>SetState\_FAHREN</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>50</a:string>

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<a:string>Car\_Running</a:string>

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<LN>11</LN>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

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<AAI>13</AAI>

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<C>delay</C>

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<a:string>60000</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

</P>

<LN>14</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>109</a:string>

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<LN>15</LN>

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<AAI>16</AAI>

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<C>delay</C>

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<a:string>1000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<AAI>19</AAI>

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<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

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<LN>19</LN>

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<a:string>SetState\_PARKEN</a:string>

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<a:string>Sleep</a:string>

</P>

<LN>21</LN>

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<a:string>15000</a:string>

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<LN>22</LN>

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<a:string>6245</a:string>

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<a:string>WakeUp</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<LN>26</LN>

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<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

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<LN>27</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

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<LN>28</LN>

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<AAI>29</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<AEI>30</AEI>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

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<C>check\_if</C>

<P>

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<a:string>dec</a:string>

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<LN>33</LN>

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<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

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<LN>34</LN>

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<P>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

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<a:string>60</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0; Code to Default value: ATP\_ABKUEHL\_TIMEOUT=10 and ATP\_ABKUEHL\_TOLERANZ=08 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 10\'b0C (set 9945 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 50\'b0C; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 109\'b0C; }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set cluster to sleep}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Immediately after cluster goes to sleep set Atemp value to 20\'b0C (set 6245 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 47minutes}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check ATP\_bState, AtempFilt and AtempUnfilt/raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch (RAM variable=FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 02.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After wake-up the AtempFilt=15\'b0C and AtempUnfilt/raw = 20\'b0C.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Note: when the cluster is in sleep mode, the engine temperature begins to be decreased every 20min, so it is expected to see a faster damping process}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<N>6\_Damping - Damping is still calculated after car is in sleep for 25 min</N>

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<a:string>auto</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>04</a:string>

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<a:string>R1</a:string>

<a:string>11505</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>Update\_ATemp</a:string>

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<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

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<C>delay</C>

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<a:string>3000</a:string>

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<AAI>9</AAI>

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<a:string>SetState\_FAHREN</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>50</a:string>

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<ANI>11</ANI>

<AAI>11</AAI>

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<a:string>Car\_Running</a:string>

<a:string>100</a:string>

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<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<C>set\_env</C>

<P>

<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<C>delay</C>

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<a:string>60000</a:string>

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<AAI>14</AAI>

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<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>110</a:string>

</P>

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<AAI>16</AAI>

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<C>delay</C>

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<a:string>1000</a:string>

</P>

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<AAI>17</AAI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>6535</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<LOC>

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<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1500000</a:string>

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<LN>23</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

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<ANI>25</ANI>

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<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>29</LN>

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<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>30</LN>

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<AAI>31</AAI>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<LN>31</LN>

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<AEI>32</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==19.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

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<LN>33</LN>

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<AEI>34</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

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<a:string>stackRaw==19.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

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<LN>34</LN>

<ANI>35</ANI>

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<C>check\_if</C>

<P>

<a:string>stackATP\_filt==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

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<LN>35</LN>

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<AAI>36</AAI>

<AEI>36</AEI>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=04 (4\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 7\'b0C (set 11505 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Set engine temperature to 50\'b0C; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 110\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 19.5\'b0C (set 6535 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Immediately set cluster to sleep}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 25 minutes}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check ATP\_bState, AtempFilt and AtempUnfilt/raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch (RAM variable=FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 02.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After wake-up the AtempFilt=11\'b0C and AtempUnfilt/raw = 19.5\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Note: when the cluster is in sleep mode, the engine temperature begins to be decreased every 20min, so it is expected to see a faster damping process}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<F>Yes</F>

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<NFT>No</NFT>

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<bAAI>37</bAAI>

<bAEI>37</bAEI>

<eAEI>-2</eAEI>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_190]</ID>

<N>6\_Damping - Damping is not calculated after car is in sleep for 10 min and condition swATempRaw &lt;= ATP.swATempFilt + toleranz is meet and is updated after another wake-up</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<ID>1</ID>

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<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<ANI>2</ANI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

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<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

<a:string>10</a:string>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TOLERANZ</a:string>

<a:string>08</a:string>

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<AAI>6</AAI>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>13700</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>120</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>60000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9300</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>600000</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AEI>33</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==3</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AEI>35</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AEI>37</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackRaw==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackATP\_filt==3</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7200000</a:string>

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<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AEI>41</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

<AEI>42</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AAI>43</AAI>

<AEI>43</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

<AEI>44</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AEI>46</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AAI>47</AAI>

<AEI>47</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

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<AEI>48</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>50</LN>

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<C>check\_if</C>

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<a:string>tempATemp==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>51</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

</P>

<LN>52</LN>

<ANI>53</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackRaw==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>53</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackATP\_filt==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

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<LN>54</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=8 (8 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 3\'b0C (set 13700 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 120\'b0C; }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set tempFilt value to 11\'b0C (set 9300 ohm using a resistance decade) to meet condition swATempRaw &lt;= ATP.swATempFilt + toleranz. }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant but this condition will be checked only after 2h and }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set cluster to sleep}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 10 minutes}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Wohnen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check ATP\_bState, AtempFilt and AtempUnfilt/raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 2h (to make sure conditio swATempRaw &lt;= ATP.swATempFilt + toleranz is checked)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set cluster to sleep then perform wake-up and set Wohnen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check ATP\_bState, AtempFilt and AtempUnfilt/raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. RAM symbol ATP\_bState should be 02.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch The Atemp Time Constant Z6 is used.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2.RAM symbol ATP\_bState should be 02.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After wake-up the AtempFilt=3\'b0C and AtempUnfilt/raw = 11\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3.RAM symbol ATP\_bState should be 03.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After the second wake-up the AtempFilt=AtempUnfilt/raw = 11\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-90}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_18797</V>

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<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_18798</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

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<ID>[SSTS\_GEN5CI\_ATP\_191]</ID>

<N>6\_Damping - Damping is not calculated after car is in sleep for 2h and condition swATempRaw &lt;= ATP.swATempFilt + toleranz is meet</N>

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<a:string>Get\_RAMSymbol\_Value</a:string>

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<a:string>1</a:string>

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<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

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<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<AT>tempResponse</AT>

<P>

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<a:string>ATP\_wTimeConstant</a:string>

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<AT>tempResponse</AT>

<P>

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<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

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<LN>22</LN>

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<a:string>Sleep</a:string>

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<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>dec</a:string>

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<a:string>dec</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=8 (8 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 3\'b0C (set 13700 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 120\'b0C; }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set tempFilt value to 11\'b0C (set 9300 ohm using a resistance decade) to meet condition swATempRaw &lt;= ATP.swATempFilt + toleranz. }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set cluster to sleep}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait 2h+1 min to make sure condition swATempRaw &lt;= ATP.swATempFilt + toleranz is checked}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Wohnen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check ATP\_bState, AtempFilt and AtempUnfilt/raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch The Atemp Time Constant Z6 is used.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2.RAM symbol ATP\_bState should be 03.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After wake-up the AtempFilt=AtempUnfilt/raw = 11\'b0C.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<C i:nil="true" />

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<NFT>No</NFT>

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<ID>[SSTS\_GEN5CI\_ATP\_192]</ID>

<N>6\_Damping - Damping is calculated after car is in sleep for 1h and condition ATP.ulCoolingTimeout &gt;=ATP\_ABKUEHL\_TIMEOUT is meet</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<a:string>01</a:string>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<a:string>3000</a:string>

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<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>120</a:string>

</P>

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<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

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<P>

<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

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<P>

<a:string>Car\_Stopped</a:string>

</P>

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<a:string>9300</a:string>

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<a:string>1000</a:string>

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<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

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<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

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<LN>18</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

</P>

<LN>19</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>20</LN>

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<AEI>21</AEI>

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<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>21</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

</P>

<LN>22</LN>

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<a:string>SetState\_PARKEN</a:string>

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<P>

<a:string>Sleep</a:string>

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<a:string>WakeUp</a:string>

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<a:string>SetState\_WOHNEN</a:string>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

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<LN>29</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cold</a:string>

</P>

<LN>30</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<LN>31</LN>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

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<a:string>stackRaw==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

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<LN>36</LN>

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<P>

<a:string>stackATP\_filt==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

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<LN>37</LN>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=1 (1h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=8 (8 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 3\'b0C (set 13700 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 120\'b0C; }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set tempFilt value to 11\'b0C (set 9300 ohm using a resistance decade). }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set cluster to sleep}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait ~1h (3800 sec) then ATP.ulCoolingTimeout &gt;=ATP\_ABKUEHL\_TIMEOUTsec (3600&gt;=3600) and COLD state is set (ATP\_bState=03) and Z6 was used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Wohnen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check ATP\_bState, AtempFilt and AtempUnfilt/raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. RAM symbol ATP\_bState should be 02. The Atemp Time Constant Z6 is used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2.RAM symbol ATP\_bState should be 03.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After wake-up the AtempFilt=AtempUnfilt/raw = 11\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<V>40\_18797</V>

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<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<ID>[SSTS\_GEN5CI\_ATP\_193]</ID>

<N>6\_Damping - Damping is still calculated when condition swATempRaw &lt;= ATP.swATempFilt + toleranz is NOT meet</N>

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<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<C>call\_macro</C>

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<a:string>04</a:string>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<a:string>13700</a:string>

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<a:string>Update\_ATemp</a:string>

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<a:string>120</a:string>

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<LN>9</LN>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

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<C>delay</C>

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<a:string>60000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

</P>

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<C>set\_env</C>

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<a:string>9300</a:string>

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<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

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<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

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<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

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<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0xFFFF</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z6\_is\_not\_used</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>7200000</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AEI>32</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==3</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AAI>35</AAI>

<AEI>35</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AEI>36</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackRaw==11</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AAI>37</AAI>

<AEI>37</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackATP\_filt==3</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=4 (4 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 3\'b0C (set 13700 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 120\'b0C; }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Engine running and car speed to v = 100 km/h then Drive for 1 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine stopped}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set tempFilt value to 11\'b0C (set 9300 ohm using a resistance decade) to NOT meet the condition: swATempRaw &lt;= ATP.swATempFilt + toleranz. }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check ATP\_bState and ATP\_wTimeConstant}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set cluster to sleep}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait at least 2h to make sure condition swATempRaw &lt;= ATP.swATempFilt + toleranz is checked but even if is checked is not meet (11not &lt;=4+4)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform wake-up and set Wohnen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check ATP\_bState, AtempFilt and AtempUnfilt/raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. RAM symbol ATP\_bState should be 02.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch The Atemp Time Constant Z6 is used}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=FFFFh)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 02.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After wake-up the AtempFilt=3\'b0C and AtempUnfilt/raw = 11\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-90}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_18797</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_18798</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>6\_Damping</CH>

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<eANI>-1</eANI>

<bAAI>39</bAAI>

<bAEI>39</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_194]</ID>

<N>6\_Damping - Time constant Z3 -

(KMT-ATempFilt) ≤ 40°C and engine running - When a CAN message is send cyclic</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>28</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K2</a:string>

<a:string>40</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_FAKTOR</a:string>

<a:string>00</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_OFFSET</a:string>

<a:string>1E</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Using IG send a message cyclic (eg. 5E0 with cycle time 100ms)"</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>5</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>60000</a:string>

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<LN>16</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>17</LN>

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<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0x3C00</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z3\_is\_not\_used</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>3265</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==26.55</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==27.85</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>29</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>30</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>31</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

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<LN>32</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==28.96</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>34</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>35</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>36</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>37</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==30.68</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>39</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

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<C>check\_if</C>

<P>

<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>41</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

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<LN>42</LN>

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<C>call\_macro</C>

<AT>tempATemp</AT>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<C>check\_if</C>

<P>

<a:string>tempATemp==34.94</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

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<a:string>Read\_ATP\_filtered\_C</a:string>

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<C>check\_if</C>

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<a:string>tempATP\_filt==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<LN>49</LN>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Remove from IG sending cyclic for 5E0h"</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

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<LN>51</LN>

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<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that when (KMT-ATempFilt) \u8804? 40\'b0C, engine running and v \u8805? 5 km/h the used time constant is Z3. }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*60s=300s (5 min)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Using IG send a message cyclic (eg. 5E0 with cycle time 100ms)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to v = 5 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Wait 60sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempUnfilt value to 35\'b0C (set 3265 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if AtempFilt=AtempUnfilt (35\'b0C) after 300 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. The Atemp Time Constant Z3 is used.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch (RAM variable=3Ch)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. AtempFilt=AtempUnfilt (35\'b0C) after 300 seconds even if a CAN message is send cyclic}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

<F>Yes</F>

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<LT>Functional</LT>

<F>Yes</F>

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<ID>[SSTS\_GEN5CI\_ATP\_195]</ID>

<N>Obsolete - 6\_Damping - Time constant Z3 -

(KMT-ATempFilt) ≤ 40°C and engine running - When a CAN message is send cyclic</N>

<TSs>

<a:string>Obsolete</a:string>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K1</a:string>

<a:string>28</a:string>

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<LN>3</LN>

<ANI>4</ANI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_DELTA\_K2</a:string>

<a:string>40</a:string>

</P>

<LN>4</LN>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_FAKTOR</a:string>

<a:string>00</a:string>

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<LN>5</LN>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_SPERR\_OFFSET</a:string>

<a:string>1E</a:string>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

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<LN>8</LN>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>9</LN>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Using IG send a message cyclic (eg. 5E0 with cycle time 100ms)"</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>5</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

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<LN>15</LN>

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<C>delay</C>

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<a:string>60000</a:string>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_wTimeConstant</a:string>

<a:string>2</a:string>

</P>

<LN>17</LN>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==0x3C00</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>The\_Atemp\_Time\_Constant\_Z3\_is\_not\_used</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>20</LN>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>3265</a:string>

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<C>delay</C>

<P>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<LN>23</LN>

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<P>

<a:string>tempATemp==26.55</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

</P>

<LN>24</LN>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>25</LN>

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<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

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<a:string>Atemp\_value\_nok</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>tempATemp==27.85</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>call\_macro</C>

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<C>check\_if</C>

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<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>delay</C>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<a:string>tempATemp==28.96</a:string>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>35</LN>

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<P>

<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>36</LN>

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<C>delay</C>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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</P>

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<a:string>tempATemp==35</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<C>delay</C>

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<C>call\_macro</C>

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<LN>45</LN>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<AT>tempATP\_filt</AT>

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<a:string>Read\_ATP\_filtered\_C</a:string>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

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<C>warn\_tester</C>

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<a:string>"Remove from IG sending cyclic for 5E0h"</a:string>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>51</LN>

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{\f2 {\i\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch ATempFilt=ATempUnfilt after 5\*tau=5\*60s=300s (5 min}{\i\fs28\ltrch )}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

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{\f2 {\i\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Code ATP\_DELTA\_K1 to 28 (40\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Code ATP\_DELTA\_K2 to 40 (64\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Code ATP\_SPERR\_FAKTOR to 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Code ATP\_SPERR\_OFFSET to 1E}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set AtempFilt value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Using IG send a message cyclic (eg. 5E0 with cycle time 100ms)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set engine temperature to 60\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set car speed to v = 5 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch 1. Wait 60sec and check Time Constant using RAM variable ATP\_wTimeConstant, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch Set AtempUnfilt value to 35\'b0C (set 3265 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch 2. Check if AtempFilt=AtempUnfilt (35\'b0C) after 300 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\i\ltrch 1. The Atemp Time Constant Z3 is used.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch (RAM variable=3Ch)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\i\ltrch 2. AtempFilt=AtempUnfilt (35\'b0C) after 300 seconds even if a CAN message is send cyclic}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

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<C i:nil="true" />

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<LT>Functional</LT>

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<LT>Functional</LT>

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<ID>[SSTS\_GEN5CI\_ATP\_196]</ID>

<N>6\_Damping - Testing ATP behavior after wake-up when ATP value was not changed</N>

<TSs>

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<a:string>Prio3</a:string>

<a:string>auto</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<a:string>CODE</a:string>

<a:string>ATP\_ABKUEHL\_TIMEOUT</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>6245</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

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<C>delay</C>

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<a:string>3000</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>Car\_Running</a:string>

<a:string>350</a:string>

</P>

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<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_F3\_DISP\_RPM\_ENG\_CRSH</a:string>

<a:string>1000</a:string>

</P>

<LN>12</LN>

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<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>600000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

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<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==02</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_cooling</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>600000</a:string>

</P>

<LN>18</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempRAMSymbolValue</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_bState</a:string>

<a:string>1</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempEng\_Status</AT>

<P>

<a:string>tempRAMSymbolValue</a:string>

</P>

<LN>21</LN>

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<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempEng\_Status==03</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_engine\_status\_is\_not\_coling</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

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<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

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<LN>25</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<LN>27</LN>

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<AEI>28</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<a:string>tempATemp==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok</a:string>

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<LN>30</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Read\_ATP\_RAW\_FILT</a:string>

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<LN>31</LN>

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<AEI>32</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackRaw==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_RAW\_not\_correct</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>stackATP\_filt==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>The\_Atemp\_filt\_not\_correct</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AAI>35</AAI>

<AEI>35</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TIMEOUT=10 (16h) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ABKUEHL\_TOLERANZ=8 (8 \'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set AtempFilt value to 20\'b0C (set 6245 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine temperature to 90\'b0C; }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Fahren state; Engine running and car speed to v = 350 km/h then Drive for 10 min}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set engine stopped then check ATP\_bState}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Wait 600sec until termination criteria is evaluated and heck ATP\_bState}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode then perform wake-up and set Prufen state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check if AtempFilt=AtempUnfilt/raw (20\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. RAM symbol ATP\_bState should be 02}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. RAM symbol ATP\_bState should be 03}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. After wake-up the AtempFilt=AtempUnfilt/raw (20\'b0C)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<VAR />

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<N>7\_CC - Warmland - CC ID 165d is triggered for 8s -except G11</N>

<TSs>

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<a:string>positive</a:string>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<LN>3</LN>

<ANI>4</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

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<LN>4</LN>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

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<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

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<LN>7</LN>

<ANI>8</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<LN>10</LN>

<ANI>11</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>14200</a:string>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered for 8s?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8000</a:string>

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<LN>17</LN>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

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<AEI>19</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_active</a:string>

</P>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is not triggered anymore?"</a:string>

</P>

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<C>set\_env</C>

<P>

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<a:string>60</a:string>

</P>

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<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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<N>7\_CC - Warmland - CC ID 165d behavior in different states-except G11</N>

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<LN>59</LN>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<ANI>61</ANI>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14025</a:string>

</P>

<LN>61</LN>

<ANI>62</ANI>

<AAI>62</AAI>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>62</LN>

<ANI>63</ANI>

<AEI>63</AEI>

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<C>delay</C>

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<LN>63</LN>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempActiveCC</AT>

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<a:string>Check\_CC</a:string>

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<LN>64</LN>

<ANI>65</ANI>

<AEI>65</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

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<LN>65</LN>

<ANI>66</ANI>

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<AEI>66</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

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<LN>66</LN>

<ANI>67</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

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<LN>67</LN>

<ANI>68</ANI>

<AEI>68</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>9949</a:string>

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<LN>68</LN>

<ANI>69</ANI>

<AAI>69</AAI>

<AEI>69</AEI>

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<C>call\_macro</C>

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<LN>69</LN>

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<C>set\_env</C>

<P>

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<a:string>14025</a:string>

</P>

<LN>71</LN>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<C>check\_if</C>

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<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<ANI>78</ANI>

<AAI>78</AAI>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 3\'b0C (set 14025 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set PARKEN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set STAND state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set WOHNEN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Set Fb state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Set Fh state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. Set FAHREN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. CC ID 165d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. CC ID 165d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 165d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. CC ID 165d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. CC ID 165d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<N>7\_CC - Warmland - CC ID 165d is triggered when Atemp value = +3°C -except G11</N>

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<a:string>SetState\_PRUEFEN</a:string>

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<ANI>2</ANI>

<AEI>2</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<AEI>3</AEI>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<ANI>4</ANI>

<AEI>4</AEI>

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<C>call\_macro</C>

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<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

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<ANI>7</ANI>

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<C>set\_env</C>

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<a:string>R1</a:string>

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<ANI>8</ANI>

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<ANI>9</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<ANI>11</ANI>

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<C>set\_env</C>

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<C>delay</C>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

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<a:string>Check\_CC</a:string>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

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<LN>16</LN>

<ANI>17</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<AAI>19</AAI>

<AEI>19</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

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<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<C>set\_env</C>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 3\'b0C (set 14025 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn , size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. Flag is 01 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_5490</V>

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<LT>Functional</LT>

<F>Yes</F>

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<V>40\_5487</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<OBSOLETE>

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<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>21</bAAI>

<bAEI>21</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_46]</ID>

<N>7\_CC - Warmland - trigger CC ID 165d when ATP is &lt; +3°C -except G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

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<ANI>6</ANI>

<AEI>6</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14750</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

</LOC>

</LOCs>

</T>

</Ts>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14750 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn , size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. CC ID 165d is triggered }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Flag is 01 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_16634</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<VAR />

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</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

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<eAEI>-2</eAEI>

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<N>7\_CC - Warmland - CC ID 165d deactivation (Atemp &gt; 6°C) -except G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14750</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<LOC>

<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>11500</a:string>

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<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_active</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is deactivated?"</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==00</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_00</a:string>

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<LN>28</LN>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<LN>29</LN>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if flag is set by reading the RAM variable ATP\_ATempWarn, size 1 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 7\'b0C (set 11500 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_1516</V>

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<N>7\_CC - Warmland - CC ID 165d deactivation (Atemp = 6°C) -except G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

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<AEI>2</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<C>call\_macro</C>

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<a:string>02</a:string>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

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<ANI>6</ANI>

<AEI>6</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>6</LN>

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<AAI>7</AAI>

<AEI>7</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<AEI>9</AEI>

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<C>delay</C>

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<a:string>3000</a:string>

</P>

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<AEI>10</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>14750</a:string>

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<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

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<AEI>13</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

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<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>12100</a:string>

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<AEI>21</AEI>

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<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

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<AEI>22</AEI>

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<C>delay</C>

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<a:string>1000</a:string>

</P>

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<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

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<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_active</a:string>

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<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is deactivated?"</a:string>

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<LN>25</LN>

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<AAI>26</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==00</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_00</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<LN>29</LN>

<ANI>30</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if flag is set by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 6\'b0C (set 12100 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_1516</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<FSM>nonFS</FSM>

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<CH>7\_CC</CH>

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<OTP>

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<eANI>-1</eANI>

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<ID>[SSTS\_GEN5CI\_ATP\_49]</ID>

<N>7\_CC - Warmland - CC ID 165d deactivation (Atemp = 5.5°C) -except G11</N>

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<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<LN>3</LN>

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<AEI>4</AEI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

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<LN>4</LN>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if flag is set by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 5.5\'b0C (set 12400 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is still displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<N>7\_CC - Warmland - CC ID 165d retriggered (Atemp value &gt; 6°C) -except G11</N>

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<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>ATP\_ATempWarn</a:string>

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<a:string>flag\_is\_not\_01</a:string>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<P>

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<P>

<a:string>tempResponse==00</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_00</a:string>

</P>

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<a:string>14200</a:string>

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<a:string>Update\_ATemp</a:string>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

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<C>ask\_tester</C>

<P>

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<a:string>1</a:string>

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<a:string>flag\_is\_not\_01</a:string>

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<a:string>60</a:string>

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<a:string>Car\_Stopped</a:string>

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<AEI>41</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 165d is triggered again }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

<F>Yes</F>

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<N>7\_CC - Warmland - CC ID 165d retriggered (Atemp value = 6°C) -except G11</N>

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<a:string>Prio1</a:string>

<a:string>tp</a:string>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<C>set\_env</C>

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<a:string>9949</a:string>

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<C>call\_macro</C>

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<a:string>90</a:string>

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<a:string>14200</a:string>

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<C>call\_macro</C>

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<AT>tempActiveCC</AT>

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<C>check\_if</C>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<AT>tempResponse</AT>

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<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

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<AEI>22</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>CC\_165\_active</a:string>

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<a:string>1</a:string>

</P>

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<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

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<AT>tempActiveCC</AT>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

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<LN>34</LN>

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<a:string>"Is it true that CC ID 165d is triggered again?"</a:string>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

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<a:string>60</a:string>

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<a:string>Car\_Stopped</a:string>

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<LN>40</LN>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 6\'b0C (set 12100 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 165d is triggered again }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

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<C i:nil="true" />

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<N>7\_CC - Warmland - CC ID 165d retriggered (Atemp value changed &lt; 6°C) -except G11</N>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<C>call\_macro</C>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

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<a:string>1</a:string>

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<a:string>9949</a:string>

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<C>delay</C>

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<C>check\_if</C>

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<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

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<ANI>16</ANI>

<AAI>16</AAI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

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<LN>18</LN>

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<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

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<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<LN>19</LN>

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<AEI>25</AEI>

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<a:string>CC\_165\_active</a:string>

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<LN>25</LN>

<ANI>26</ANI>

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<AEI>26</AEI>

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<LN>26</LN>

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<P>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>27</LN>

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<AT>tempResponse</AT>

<P>

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</P>

<LN>28</LN>

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<AAI>29</AAI>

<AEI>29</AEI>

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<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>29</LN>

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<C>set\_env</C>

<P>

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<a:string>14200</a:string>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_active</a:string>

</P>

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<C>ask\_tester</C>

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<AT>tempResponse</AT>

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<a:string>1</a:string>

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<P>

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<a:string>Car\_Stopped</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 5.5\'b0C (set 12400 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. CC ID 165d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 165d is not retriggered }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<N>7\_CC - Warmland - CC ID 165d retriggered when state is below PRUEFEN -except G11</N>

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<a:string>TEMPERATURWARNUNG</a:string>

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<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

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<AAI>16</AAI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<a:string>1</a:string>

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<a:string>flag\_is\_not\_01</a:string>

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<LN>26</LN>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<a:string>0</a:string>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<a:string>tempResponse</a:string>

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<C>check\_if</C>

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<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<C>set\_env</C>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm u}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch sing a resistance decade) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Performe a state switch WOHNEN -&gt; PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Performe a state switch STAND -&gt; PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Performe a state switch PARKEN -&gt; PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 165d is retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is triggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. CC ID 165d is retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<N>7\_CC - Warmland - CC ID 165d retriggered (state switch: sleep mode to PRUEFEN state) -except G11</N>

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<a:string>tp</a:string>

<a:string>positive</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<ANI>2</ANI>

<AEI>2</AEI>

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<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

</P>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<AEI>4</AEI>

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<C>call\_macro</C>

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<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

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<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<AAI>7</AAI>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<LN>7</LN>

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<AAI>8</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<ANI>9</ANI>

<AEI>9</AEI>

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<C>delay</C>

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<a:string>3000</a:string>

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<AAI>10</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

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<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

<LN>11</LN>

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<AAI>12</AAI>

<AEI>12</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

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<AEI>13</AEI>

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<C>delay</C>

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<a:string>1000</a:string>

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<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<LOC>

<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PARKEN</a:string>

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<AEI>21</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

</LOC>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>2000</a:string>

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<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is retriggered?"</a:string>

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<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>29</LN>

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<AT>tempResponse</AT>

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<a:string>tempResponse</a:string>

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<LN>30</LN>

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<AEI>31</AEI>

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<C>check\_if</C>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set PRUFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. CC ID 165d is retriggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<eANI>-1</eANI>

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<N>7\_CC - Warmland - CC ID 165d retriggered (state switch: FAHREN - sleep mode - FAHREN) -except G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

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<C>set\_env</C>

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<a:string>1</a:string>

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<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

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<LN>7</LN>

<ANI>8</ANI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

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<a:string>1</a:string>

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<a:string>"Is it true that CC ID 165d is retriggered?"</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. CC ID 165d is retriggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<N>7\_CC - Warmland - CC ID 165d is not retriggered (state switch: sleep mode to WOHNEN state) -except G11</N>

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<a:string>90</a:string>

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<a:string>14200</a:string>

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<a:string>0</a:string>

<a:string>dec</a:string>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

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<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>"Is it true that CC ID 165d is not retriggered?"</a:string>

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<LN>28</LN>

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<AEI>29</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AEI>30</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==00</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_00</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. CC ID 165d is triggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. CC ID 165d is not retriggered and flag is not set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_16634</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_1516</V>

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<S>CHK</S>

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<LT>Functional</LT>

<F>Yes</F>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>7\_CC</CH>

<OBSOLETE>

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<eANI>-1</eANI>

<bAAI>33</bAAI>

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<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_57]</ID>

<N>7\_CC - Kaltland - trigger CC ID 79d when ATP is +3°C -except G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

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<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

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<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<ANI>4</ANI>

<AEI>4</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

</P>

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<ANI>6</ANI>

<AEI>6</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14750</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<LOC>

<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 3\'b0C (set 14025 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. CC ID 79d is triggered }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_16632</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_1517</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_16634</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_13230</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<NFT>No</NFT>

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<CH>7\_CC</CH>

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<eANI>-1</eANI>

<bAAI>21</bAAI>

<bAEI>21</bAEI>

<eAEI>-2</eAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_58]</ID>

<N>7\_CC - Kaltland - CC ID 79d behavior in different states -except G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

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<LN>1</LN>

<ANI>2</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

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<LN>4</LN>

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<AEI>5</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

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<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>14025</a:string>

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<AEI>12</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<a:string>SetState\_PARKEN</a:string>

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<ANI>18</ANI>

<AEI>18</AEI>

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<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

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<a:string>Update\_ATemp</a:string>

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<ANI>21</ANI>

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<a:string>14025</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

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</P>

<LN>23</LN>

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<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

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<AEI>26</AEI>

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<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is NOT triggered?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<LN>27</LN>

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<AEI>28</AEI>

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<a:string>9949</a:string>

</P>

<LN>28</LN>

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<AAI>29</AAI>

<AEI>29</AEI>

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<a:string>14025</a:string>

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<AEI>35</AEI>

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<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

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<AEI>36</AEI>

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<a:string>"Is it true that CC ID 79d is NOT triggered?"</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AAI>37</AAI>

<AEI>37</AEI>

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<a:string>9949</a:string>

</P>

<LN>38</LN>

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<AAI>39</AAI>

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<a:string>14025</a:string>

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<LN>41</LN>

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<AAI>42</AAI>

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<AEI>43</AEI>

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<AT>tempActiveCC</AT>

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<a:string>Check\_CC</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

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<P>

<a:string>"Is it true that CC ID 79d is NOT triggered?"</a:string>

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<ANI>47</ANI>

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<a:string>9949</a:string>

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<a:string>14025</a:string>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

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<a:string>"Is it true that CC ID 79d is NOT triggered?"</a:string>

</P>

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<AT>tempActiveCC</AT>

<P>

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<C>check\_if</C>

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<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>65</LN>

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<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

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<LN>66</LN>

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<LN>68</LN>

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<a:string>14025</a:string>

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<LN>71</LN>

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<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>74</LN>

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<AEI>75</AEI>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

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</P>

<LN>75</LN>

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</P>

<LN>76</LN>

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<a:string>60</a:string>

</P>

<LN>77</LN>

<ANI>78</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 3\'b0C (set 14025 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set PARKEN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set STAND state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set WOHNEN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Set Fb state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Set Fh state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. Set FAHREN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. CC ID 79d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. CC ID 79d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 79d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. CC ID 79d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. CC ID 79d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<eANI>-1</eANI>

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<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

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<TC>

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<N>7\_CC - Kaltland - CC ID 79d triggered for 8s -except G11</N>

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<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

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<Ts>

<T>

<ID>1</ID>

<LOCs>

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<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<AEI>2</AEI>

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<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<a:string>90</a:string>

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<AEI>11</AEI>

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<a:string>14200</a:string>

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<C>delay</C>

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<a:string>1000</a:string>

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<ANI>14</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

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<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<LOC>

<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered for 8s?"</a:string>

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<LN>16</LN>

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<C>delay</C>

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<a:string>8000</a:string>

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<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

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<ANI>19</ANI>

<AEI>19</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>19</LN>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>"Is it true that CC ID 79d is not triggered anymore?"</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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<N>7\_CC - Kaltland - trigger CC ID 79d when ATP &lt; +3°C -except G11</N>

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<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

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<C>set\_env</C>

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<a:string>9949</a:string>

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<C>call\_macro</C>

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<a:string>14750</a:string>

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<C>call\_macro</C>

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<C>check\_if</C>

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<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<ANI>18</ANI>

<AEI>18</AEI>

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<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

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<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>20</LN>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14750 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<N>7\_CC - Kaltland - CC ID 79d deactivation (Atemp &gt; 6°C) -except G11</N>

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<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

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<AEI>3</AEI>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

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<AEI>6</AEI>

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<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<ANI>7</ANI>

<AAI>7</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<C>delay</C>

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<a:string>3000</a:string>

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<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14750</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>11500</a:string>

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<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>21</LN>

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<AEI>22</AEI>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is deactivated?"</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==00</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_00</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>29</LN>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 7\'b0C (set 11500 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</LNK>

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<FSM>nonFS</FSM>

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<CH>7\_CC</CH>

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<eANI>-1</eANI>

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<N>7\_CC - Kaltland - CC ID 79d deactivation (Atemp = 6°C) -except G11</N>

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<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<LN>2</LN>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

</P>

<LN>4</LN>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<C>ask\_tester</C>

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<P>

<a:string>tempResponse==01</a:string>

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<a:string>1</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 6\'b0C (set 12100 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

<F>Yes</F>

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<N>7\_CC - Kaltland - CC ID 79d deactivation (Atemp = 5.5°C) -except G11</N>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<a:string>90</a:string>

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<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

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<C>call\_macro</C>

<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

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<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

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<P>

<a:string>tempResponse</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland))}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 5.5\'b0C (set 12400 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is still displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<N>7\_CC - Kaltland - CC ID 79d retriggered (Atemp value &gt;6°C) -except G11</N>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<C>set\_env</C>

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<a:string>90</a:string>

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<a:string>14200</a:string>

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<C>delay</C>

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<ANI>14</ANI>

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<AT>tempActiveCC</AT>

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<ANI>15</ANI>

<AEI>15</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

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<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<LN>18</LN>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

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<a:string>Update\_ATemp</a:string>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>Car\_Running</a:string>

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<C>delay</C>

<P>

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<ANI>24</ANI>

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<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>24</LN>

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<AEI>25</AEI>

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<C>check\_if</C>

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<a:string>tempActiveCC==0</a:string>

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<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

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<LN>25</LN>

<ANI>26</ANI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>"Is it true that CC ID 79d is deactivated?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

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<C>call\_macro</C>

<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<LN>28</LN>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_00</a:string>

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<a:string>14200</a:string>

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<C>call\_macro</C>

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<C>delay</C>

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<AT>tempActiveCC</AT>

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<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

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<C>ask\_tester</C>

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<a:string>"Is it true that CC ID 79d is triggered again?"</a:string>

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<LN>35</LN>

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<a:string>ATP\_ATempWarn</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 79d is triggered again }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_16634</V>

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<N>7\_CC - Kaltland - CC ID 79d retriggered (Atemp value = 6°C) -except G11</N>

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<a:string>tp</a:string>

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<a:string>SetState\_PRUEFEN</a:string>

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<C>call\_macro</C>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<a:string>9949</a:string>

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<a:string>Update\_ATemp</a:string>

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<a:string>3000</a:string>

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<a:string>90</a:string>

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<a:string>14200</a:string>

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<AEI>13</AEI>

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<C>delay</C>

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<a:string>1000</a:string>

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<ANI>14</ANI>

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<ANI>15</ANI>

<AEI>15</AEI>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

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<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

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<ANI>20</ANI>

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<a:string>12100</a:string>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

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<AEI>22</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>Car\_Running</a:string>

<a:string>100</a:string>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

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</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<C>check\_if</C>

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<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

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<ANI>26</ANI>

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<a:string>"Is it true that CC ID 79d is deactivated?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<C>call\_macro</C>

<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<ANI>28</ANI>

<AEI>28</AEI>

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<P>

<a:string>tempResponse</a:string>

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<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<a:string>tempResponse==00</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_00</a:string>

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<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

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<ANI>35</ANI>

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<C>ask\_tester</C>

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<a:string>"Is it true that CC ID 79d is triggered again?"</a:string>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<AT>tempResponse</AT>

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<a:string>60</a:string>

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<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

</P>

<LN>40</LN>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 6\'b0C (set 12100 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 79d is triggered again }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

<F>Yes</F>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<N>7\_CC - Kaltland - CC ID 79d retriggered (Atemp value &lt; 6°C) -except G11</N>

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<a:string>tp</a:string>

<a:string>positive</a:string>

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<Ts>

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<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

</P>

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<C>call\_macro</C>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<C>call\_macro</C>

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<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

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<a:string>9949</a:string>

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<a:string>90</a:string>

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<a:string>14200</a:string>

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<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

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<C>call\_macro</C>

<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<AT>tempResponse</AT>

<P>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<a:string>0</a:string>

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<a:string>CC\_79\_active</a:string>

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<AEI>26</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<C>call\_macro</C>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<LN>28</LN>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<a:string>flag\_is\_not\_01</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Atemp value to 5.5\'b0C (set 12400 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 79d is deactivated and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is not retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

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<N>7\_CC - Kaltland - CC ID 79d retriggered (state switch: PRUEFEN - WOHNEN/STAND/PARKEN- PRUEFEN ) -except G11</N>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<C>call\_macro</C>

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<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

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<a:string>TEMPERATURWARNUNG</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<C>delay</C>

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<a:string>3000</a:string>

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<C>set\_env</C>

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<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

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<ANI>15</ANI>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>SetState\_WOHNEN</a:string>

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<LN>20</LN>

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<C>delay</C>

<P>

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<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>22</LN>

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<AEI>23</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

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<LN>24</LN>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>25</LN>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>"Is it true that CC ID 79d is not retriggered?"</a:string>

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<LN>26</LN>

<ANI>27</ANI>

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<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

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<a:string>SetState\_PRUEFEN</a:string>

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<LN>32</LN>

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<AEI>33</AEI>

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<C>check\_if</C>

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<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>35</LN>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is not retriggered?"</a:string>

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<LN>36</LN>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>0</a:string>

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<a:string>CC\_79\_active</a:string>

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<a:string>"Is it true that CC ID 79d is not retriggered?"</a:string>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<P>

<a:string>tempResponse</a:string>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<a:string>60</a:string>

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<LN>50</LN>

<ANI>51</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Performe a state switch WOHNEN -&gt; PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Performe a state switch STAND -&gt; PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Performe a state switch PARKEN -&gt; PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 79d is not retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is not triggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. CC ID 79d is not triggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<LT>Functional</LT>

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<N>7\_CC - Kaltland - CC ID 79d retriggered (state switch: sleep mode to PRUEFEN state) -except G11</N>

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<C>call\_macro</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<a:string>Set\_current\_time</a:string>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<C>call\_macro</C>

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<a:string>BR\_KENNUNG</a:string>

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<C>call\_macro</C>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

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<C>set\_env</C>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<a:string>90</a:string>

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<AT>tempActiveCC</AT>

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<C>check\_if</C>

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<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<a:string>"Is it true that CC ID 79d is retriggered?"</a:string>

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<LN>28</LN>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<AT>tempResponse</AT>

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<a:string>flag\_is\_not\_01</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set PRUFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. CC ID 79d is retriggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<N>7\_CC - Kaltland - CC ID 79d retriggered (state switch: FAHREN - sleep mode - FAHREN) -except G11</N>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<a:string>Update\_ATemp</a:string>

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<AT>tempActiveCC</AT>

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<a:string>Check\_CC</a:string>

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<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<a:string>Sleep</a:string>

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<a:string>WakeUp</a:string>

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<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

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<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is retriggered?"</a:string>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<AT>tempResponse</AT>

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<C>check\_if</C>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<a:string>60</a:string>

</P>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 79d is retriggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-82}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LNK>

<V>40\_1516</V>

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<eANI>-1</eANI>

<bAAI>33</bAAI>

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<eAEI>-2</eAEI>

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<N>7\_CC - Kaltland - CC ID 79d retriggered (state switch: sleep mode to WOHNEN state) -except G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<ID>1</ID>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>02</a:string>

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<LN>4</LN>

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<AEI>5</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

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<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<LOC>

<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

</LOC>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<LOC>

<SC>except\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is retriggered?"</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

</LOC>

<LOC>

<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AEI>30</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<LN>32</LN>

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<AAI>33</AAI>

<AEI>33</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=02 (except G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 79d is retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-82}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<VAR />

<CH>7\_CC</CH>

<OBSOLETE>

<OTP>

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<eANI>-1</eANI>

<bAAI>33</bAAI>

<bAEI>33</bAEI>

<eAEI>-2</eAEI>

</OTP>

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<N>7\_CC - Warmland - CC ID 165d is triggered for 8s -for G11</N>

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<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

</LOC>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>CC\_165\_not\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>"Is it true that CC ID 165d is triggered for 8s?"</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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<N>7\_CC - Warmland - CC ID 165d behavior in different states-for G11</N>

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<C>call\_macro</C>

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<AT>tempActiveCC</AT>

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<a:string>Check\_CC</a:string>

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<C>check\_if</C>

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<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

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<C>call\_macro</C>

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<a:string>SetState\_PARKEN</a:string>

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<C>set\_env</C>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>9949</a:string>

</P>

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<C>call\_macro</C>

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<AT>tempActiveCC</AT>

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<C>check\_if</C>

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<a:string>tempActiveCC==0</a:string>

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<a:string>dec</a:string>

<a:string>CC\_165\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<C>call\_macro</C>

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<C>set\_env</C>

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<a:string>9949</a:string>

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<C>set\_env</C>

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<a:string>14025</a:string>

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<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

<AEI>46</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AAI>47</AAI>

<AEI>47</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_Fb</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AEI>48</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AAI>49</AAI>

<AEI>49</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

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<C>delay</C>

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<LN>50</LN>

<ANI>51</ANI>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14025</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>52</LN>

<ANI>53</ANI>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>53</LN>

<ANI>54</ANI>

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<AT>tempActiveCC</AT>

<P>

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</P>

<LN>54</LN>

<ANI>55</ANI>

<AEI>55</AEI>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>55</LN>

<ANI>56</ANI>

<AAI>56</AAI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>56</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AEI>58</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>58</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14025</a:string>

</P>

<LN>61</LN>

<ANI>62</ANI>

<AAI>62</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

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<P>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>9949</a:string>

</P>

<LN>68</LN>

<ANI>69</ANI>

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<AEI>69</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>69</LN>

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<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>70</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>R1</a:string>

<a:string>14025</a:string>

</P>

<LN>71</LN>

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<C>call\_macro</C>

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</P>

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<P>

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</P>

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<ANI>75</ANI>

<AEI>75</AEI>

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<C>check\_if</C>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>75</LN>

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<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

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<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 3\'b0C (set 14025 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set PARKEN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set STAND state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set PRUEFEN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Set Fb state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Set Fh state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. Set FAHREN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 165d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. CC ID 165d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 165d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. CC ID 165d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. CC ID 165d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

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<N>7\_CC - Warmland - CC ID 165d is triggered when Atemp value = +3°C -for G11</N>

<TSs>

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<a:string>Prio1</a:string>

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<Ts>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

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<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

</P>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<LN>6</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

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<C>delay</C>

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<LN>10</LN>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14025</a:string>

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<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<C>delay</C>

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<LN>13</LN>

<ANI>14</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

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<AAI>19</AAI>

<AEI>19</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH,USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

</LOC>

</LOCs>

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</Ts>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 3\'b0C (set 14025 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn , size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

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<LT>Functional</LT>

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<V>40\_16634</V>

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<F>Yes</F>

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</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>7\_CC</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>21</bAAI>

<bAEI>21</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_74]</ID>

<N>7\_CC - Warmland - trigger CC ID 165d when ATP is &lt; +3°C -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14750</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

</LOC>

</LOCs>

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</Ts>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14750 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn , size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_16632</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>7\_CC</CH>

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<bAAI>21</bAAI>

<bAEI>21</bAEI>

<eAEI>-2</eAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_75]</ID>

<N>7\_CC - Warmland - CC ID 165d deactivation (Atemp &gt; 6°C) -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<LN>10</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempResponse</AT>

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<a:string>1</a:string>

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<a:string>1</a:string>

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<P>

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<a:string>1</a:string>

<a:string>dec</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if flag is set by reading the RAM variable ATP\_ATempWarn, size 1 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 7\'b0C (set 11500 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<F>Yes</F>

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<N>7\_CC - Warmland - CC ID 165d deactivation (Atemp = 6°C) -for G11</N>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

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<C>call\_macro</C>

<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<a:string>1</a:string>

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<a:string>flag\_is\_not\_01</a:string>

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<C>call\_macro</C>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_active</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if flag is set by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 6\'b0C (set 12100 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

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<N>7\_CC - Warmland - CC ID 165d deactivation (Atemp = 5.5°C) -for G11</N>

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<a:string>GEN5\_HIGH</a:string>

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<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

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<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<AEI>5</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

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<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>14750</a:string>

</P>

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<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>12400</a:string>

</P>

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<AAI>21</AAI>

<AEI>21</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>21</LN>

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<AEI>22</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

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<AEI>24</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>24</LN>

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<AEI>25</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is still displayed?"</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

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<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>60</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check if flag is set by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 5.5\'b0C (set 12400 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is still displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<S>CHK</S>

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<LT>Functional</LT>

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<LNK>

<V>40\_16632</V>

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<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<N>7\_CC - Warmland - CC ID 165d retriggered (Atemp value &gt; 6°C) -for G11</N>

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<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

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<LN>2</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

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<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

<LN>11</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

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<C>delay</C>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

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<LN>18</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

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<AEI>20</AEI>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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</P>

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<AEI>22</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>Car\_Running</a:string>

<a:string>100</a:string>

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<LN>22</LN>

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<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_active</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is deactivated?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<P>

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<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==00</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_00</a:string>

</P>

<LN>29</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>14200</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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</P>

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<C>call\_macro</C>

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</P>

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<P>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<LN>37</LN>

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<AAI>38</AAI>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<LN>38</LN>

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<AEI>39</AEI>

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<a:string>60</a:string>

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<LN>39</LN>

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<AAI>40</AAI>

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<a:string>Car\_Stopped</a:string>

</P>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 165d is triggered again }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<LNK>

<V>40\_16632</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<N>7\_CC - Warmland - CC ID 165d retriggered (Atemp value = 6°C) -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

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<a:string>Set\_current\_time</a:string>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

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<C>set\_env</C>

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<a:string>1</a:string>

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<LN>6</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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</P>

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<C>delay</C>

<P>

<a:string>1000</a:string>

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<LN>13</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

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<LN>14</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>12100</a:string>

</P>

<LN>20</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

</P>

<LN>23</LN>

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<AEI>24</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_active</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is deactivated?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>27</LN>

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<AEI>28</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==00</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_00</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>14200</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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</P>

<LN>31</LN>

<ANI>32</ANI>

<AEI>32</AEI>

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<C>delay</C>

<P>

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</P>

<LN>32</LN>

<ANI>33</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

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<LN>34</LN>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>"Is it true that CC ID 165d is triggered again?"</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>36</LN>

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<AEI>37</AEI>

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<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

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<C>check\_if</C>

<P>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>40</LN>

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<AEI>41</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 6\'b0C (set 12100 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. CC ID 165d is triggered }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 165d is triggered again }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</LNK>

<LNK>

<V>40\_16632</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<eAEI>-2</eAEI>

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<N>7\_CC - Warmland - CC ID 165d retriggered (Atemp value changed &lt; 6°C) -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

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</TSs>

<Ts>

<T>

<ID>1</ID>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

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<LN>1</LN>

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<AEI>2</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<LN>2</LN>

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<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

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<AAI>8</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

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<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

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<LN>9</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<LN>10</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>12400</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

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<LN>23</LN>

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<AAI>24</AAI>

<AEI>24</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_active</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is deactivated?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

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<AEI>31</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AEI>32</AEI>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_active</a:string>

</P>

<LN>34</LN>

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<AAI>35</AAI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is not retriggered?"</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

<AEI>40</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>40</LN>

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<AEI>41</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 5.5\'b0C (set 12400 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. CC ID 165d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 165d is not retriggered }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</LNK>

<LNK>

<V>40\_16632</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>7\_CC</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>41</bAAI>

<bAEI>41</bAEI>

<eAEI>-2</eAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_81]</ID>

<N>7\_CC - Warmland - CC ID 165d retriggered when state is below or above WOHNEN -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

</P>

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<ANI>2</ANI>

<AEI>2</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

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<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

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<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

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<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

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<AEI>13</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PARKEN</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>500</a:string>

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<AEI>24</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>25</LN>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is retriggered?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_STAND</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AEI>33</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>500</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AEI>35</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is retriggered?"</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AAI>37</AAI>

<AEI>37</AEI>

</LOC>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AEI>38</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

<AEI>40</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AEI>41</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

<AAI>42</AAI>

<AEI>42</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AEI>43</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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</P>

<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

<AEI>44</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

<AEI>46</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is retriggered?"</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AAI>47</AAI>

<AEI>47</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AEI>48</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AAI>49</AAI>

<AEI>49</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

<AAI>50</AAI>

<AEI>50</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_STAND</a:string>

</P>

<LN>50</LN>

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<AEI>51</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>52</LN>

<ANI>53</ANI>

<AEI>53</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>500</a:string>

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<ANI>54</ANI>

<AAI>54</AAI>

<AEI>54</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>54</LN>

<ANI>55</ANI>

<AEI>55</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>55</LN>

<ANI>56</ANI>

<AAI>56</AAI>

<AEI>56</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is retriggered?"</a:string>

</P>

<LN>56</LN>

<ANI>57</ANI>

<AAI>57</AAI>

<AEI>57</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>57</LN>

<ANI>58</ANI>

<AAI>58</AAI>

<AEI>58</AEI>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Performe a state switch PARKEN -&gt; WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Performe a state switch STAND -&gt; WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Performe a state switch PARKEN -&gt; PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Performe a state switch STAND -&gt; PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. CC ID 165d is triggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. CC ID 165d is retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 165d is retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. CC ID 165d is retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 165d is retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<V>40\_16634</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>58</bAAI>

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<ID>[SSTS\_GEN5CI\_ATP\_82]</ID>

<N>7\_CC - Warmland - CC ID 165d retriggered (state switch: sleep mode to PRUEFEN state) -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

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<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

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<AEI>20</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

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<ANI>21</ANI>

<AEI>21</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Sleep</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

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<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

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<C>delay</C>

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<a:string>1000</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

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<AEI>27</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is retriggered?"</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AEI>30</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<ANI>31</ANI>

<AAI>31</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<LN>31</LN>

<ANI>32</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set PRUFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 165d is retriggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<V>40\_16632</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<eANI>-1</eANI>

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<eAEI>-2</eAEI>

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<TC>

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<N>7\_CC - Warmland - CC ID 165d retriggered (state switch: FAHREN - sleep mode - FAHREN) -for G11</N>

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<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

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<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>6</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>8</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

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<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<AEI>11</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>14200</a:string>

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<LN>11</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

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<AEI>13</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

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<LN>14</LN>

<ANI>15</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<LN>18</LN>

<ANI>19</ANI>

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<AEI>19</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PARKEN</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

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<AEI>22</AEI>

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<C>delay</C>

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<LN>22</LN>

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<AEI>23</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

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<AEI>25</AEI>

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<C>delay</C>

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<a:string>1000</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

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<LN>26</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>27</LN>

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<AEI>28</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is retriggered?"</a:string>

</P>

<LN>28</LN>

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<AAI>29</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>29</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>30</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>31</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>32</LN>

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<AAI>33</AAI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 165d is retriggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

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<ID>[SSTS\_GEN5CI\_ATP\_84]</ID>

<N>7\_CC - Warmland - CC ID 165d is retriggered (state switch: sleep mode to WOHNEN state) -for G11</N>

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<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<C>call\_macro</C>

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<a:string>SetState\_FAHREN</a:string>

</P>

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<ANI>2</ANI>

<AEI>2</AEI>

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<P>

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</P>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<AEI>4</AEI>

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<C>call\_macro</C>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>00</a:string>

</P>

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<ANI>6</ANI>

<AEI>6</AEI>

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<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<C>delay</C>

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<a:string>3000</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>14200</a:string>

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<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

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<LN>13</LN>

<ANI>14</ANI>

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<AEI>14</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

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<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PARKEN</a:string>

</P>

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<ANI>21</ANI>

<AEI>21</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<C>delay</C>

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<a:string>1000</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==165</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_165\_not\_active</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<LOC>

<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d is retriggered?"</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AEI>30</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=0 (Warmland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 165d is retriggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-83}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LT>Functional</LT>

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<C i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<FSM>nonFS</FSM>

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<CH>7\_CC</CH>

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<OTP>

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<bAAI>33</bAAI>

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<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

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<N>7\_CC - Kaltland - trigger CC ID 79d when ATP is +3°C -for G11</N>

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<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

</P>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

</P>

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<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

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<a:string>14750</a:string>

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<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

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<C>check\_if</C>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

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<a:string>1</a:string>

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<AEI>18</AEI>

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<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

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<C>check\_if</C>

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<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 3\'b0C (set 14025 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<N>7\_CC - Kaltland - CC ID 79d behavior in different states -for G11</N>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<C>call\_macro</C>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

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<a:string>1</a:string>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<C>set\_env</C>

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<a:string>14025</a:string>

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<ANI>12</ANI>

<AAI>12</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<AEI>13</AEI>

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<C>delay</C>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

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<a:string>Check\_CC</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

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<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

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<LN>16</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PARKEN</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

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<LN>18</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<C>delay</C>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>14025</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<LN>22</LN>

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<C>delay</C>

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<a:string>1000</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempActiveCC</AT>

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<a:string>tempActiveCC==0</a:string>

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<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is NOT triggered?"</a:string>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<ANI>29</ANI>

<AAI>29</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>14025</a:string>

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<P>

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</P>

<LN>34</LN>

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<AEI>35</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>SetState\_PRUEFEN</a:string>

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<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AEI>43</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

<AEI>44</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

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<AEI>46</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AAI>47</AAI>

<AEI>47</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_Fb</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AEI>48</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AAI>49</AAI>

<AEI>49</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

<AEI>50</AEI>

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<C>delay</C>

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<LN>50</LN>

<ANI>51</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14025</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

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<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempActiveCC</AT>

<P>

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<LN>54</LN>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>55</LN>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>56</LN>

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<a:string>9949</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<C>set\_env</C>

<P>

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</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>9949</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<C>delay</C>

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<C>check\_if</C>

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<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland))}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 3\'b0C (set 14025 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set PARKEN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set STAND state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set PRUEFEN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Set Fb state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Set Fh state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. Set FAHREN state, set Atemp value to 10\'b0C then decrease Atemp value to 3\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. CC ID 79d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is NOT triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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{\f2 {\ltrch 6. CC ID 79d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. CC ID 79d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<N>7\_CC - Kaltland - CC ID 79d triggered for 8s -for G11</N>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

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<C>set\_env</C>

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<C>call\_macro</C>

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<C>delay</C>

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<a:string>90</a:string>

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<C>call\_macro</C>

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<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered for 8s?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8000</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is not triggered anymore?"</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch CC ID 79d is triggered for 8 s}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>7\_CC</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>22</bAAI>

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<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_88]</ID>

<N>7\_CC - Kaltland - trigger CC ID 79d when ATP &lt; +3°C -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14750</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

</LOC>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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</LOCs>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14750 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. CC ID 79d is triggered}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<S>CHK</S>

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<C i:nil="true" />

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<V>40\_16632</V>

<DURL i:nil="true" />

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<S>CHK</S>

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<F>Yes</F>

<RFD i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<TDS />

<VAR />

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<eANI>-1</eANI>

<bAAI>21</bAAI>

<bAEI>21</bAEI>

<eAEI>-2</eAEI>

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<N>7\_CC - Kaltland - CC ID 79d deactivation (Atemp &gt; 6°C) -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14750</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

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<AEI>13</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

</P>

<LN>13</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempActiveCC</AT>

<P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempResponse</AT>

<P>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

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<a:string>1</a:string>

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<a:string>CC\_79\_active</a:string>

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<a:string>"Is it true that CC ID 79d is deactivated?"</a:string>

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<C>call\_macro</C>

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<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<C>ssb\_to\_decimal</C>

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<P>

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<a:string>1</a:string>

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<a:string>flag\_is\_not\_00</a:string>

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<a:string>60</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 7\'b0C (set 11500 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

<F>Yes</F>

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<N>7\_CC - Kaltland - CC ID 79d deactivation (Atemp = 6°C) -for G11</N>

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<C>call\_macro</C>

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<C>call\_macro</C>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

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<a:string>1</a:string>

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<C>call\_macro</C>

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<C>delay</C>

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<P>

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<LN>14</LN>

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<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

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<P>

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<LN>18</LN>

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<a:string>1</a:string>

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<a:string>flag\_is\_not\_01</a:string>

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<C>call\_macro</C>

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<a:string>Check\_CC</a:string>

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<C>check\_if</C>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

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<C>call\_macro</C>

<AT>tempResponse</AT>

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<a:string>ATP\_ATempWarn</a:string>

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<a:string>60</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 6\'b0C (set 12100 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_1516</V>

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<LT>Functional</LT>

<F>Yes</F>

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<eANI>-1</eANI>

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<N>7\_CC - Kaltland - CC ID 79d deactivation (Atemp = 5.5°C) -for G11</N>

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<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<ANI>4</ANI>

<AEI>4</AEI>

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<C>call\_macro</C>

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<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<AEI>5</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

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<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<C>delay</C>

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<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>14750</a:string>

</P>

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<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<C>delay</C>

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<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>12400</a:string>

</P>

<LN>20</LN>

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<AAI>21</AAI>

<AEI>21</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>24</LN>

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<AAI>25</AAI>

<AEI>25</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is still displayed?"</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>28</LN>

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<AEI>29</AEI>

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<a:string>60</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade) }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 5.5\'b0C (set 12400 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is still displayed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

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<LNK>

<V>40\_1516</V>

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<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<eANI>-1</eANI>

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<bAEI>30</bAEI>

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<N>7\_CC - Kaltland - CC ID 79d retriggered (Atemp value &gt;6°C) -for G11</N>

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<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

</P>

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<ANI>2</ANI>

<AEI>2</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<AEI>5</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<C>delay</C>

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<a:string>3000</a:string>

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<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

<LN>11</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

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<AAI>17</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<LN>18</LN>

<ANI>19</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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</P>

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<AEI>22</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>Car\_Running</a:string>

<a:string>100</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>25</LN>

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<AEI>26</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is deactivated?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<AEI>28</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

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</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==00</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_00</a:string>

</P>

<LN>29</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>14200</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<AEI>32</AEI>

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<P>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<C>call\_macro</C>

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<a:string>1</a:string>

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<AEI>37</AEI>

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<P>

<a:string>tempResponse</a:string>

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<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<LN>38</LN>

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<AEI>39</AEI>

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<a:string>60</a:string>

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<LN>39</LN>

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<a:string>Car\_Stopped</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 79d is triggered again }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<OURL i:nil="true" />

<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<LNK>

<V>40\_1516</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<N>7\_CC - Kaltland - CC ID 79d retriggered (Atemp value = 6°C) -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

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<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

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<AEI>4</AEI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<C>call\_macro</C>

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<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

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<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>6</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

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<C>delay</C>

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<LN>9</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

<LN>11</LN>

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<AAI>12</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

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<C>delay</C>

<P>

<a:string>1000</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

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<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>12100</a:string>

</P>

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<P>

<a:string>Update\_ATemp</a:string>

</P>

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<AEI>22</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

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<C>delay</C>

<P>

<a:string>1000</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

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<ANI>25</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>25</LN>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is deactivated?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

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<P>

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<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

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<C>check\_if</C>

<P>

<a:string>tempResponse==00</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_00</a:string>

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<LN>29</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>14200</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<C>delay</C>

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<AT>tempActiveCC</AT>

<P>

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</P>

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<C>check\_if</C>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<P>

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<AAI>38</AAI>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<a:string>60</a:string>

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<a:string>Car\_Stopped</a:string>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp value to 6\'b0C (set 12100 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Check flag value by reading the RAM variable ATP\_ATempWarn, size 1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is deactivated}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Flag is 00}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 79d is triggered again }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Flag is 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_1516</V>

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<N>7\_CC - Kaltland - CC ID 79d retriggered (Atemp value &lt; 6°C) -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

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</TSs>

<Ts>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>6</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

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<C>delay</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>100</a:string>

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<LN>22</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>25</LN>

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<AAI>26</AAI>

<AEI>26</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is deactivated?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

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<C>delay</C>

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<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

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<C>check\_if</C>

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<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is not retriggered?"</a:string>

</P>

<LN>35</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

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<a:string>Get\_RAMSymbol\_Value</a:string>

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<a:string>1</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

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<ANI>38</ANI>

<AAI>38</AAI>

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<C>check\_if</C>

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<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

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<a:string>60</a:string>

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<ANI>40</ANI>

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<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>40</LN>

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<AEI>41</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Atemp value to 5.5\'b0C (set 12400 ohm using a resistance decade) and car running conditions}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 79d is deactivated and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is not retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

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<N>7\_CC - Kaltland - CC ID 79d not retriggered when state is below or above WOHNEN -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

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<a:string>positive</a:string>

</TSs>

<Ts>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

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<C>call\_macro</C>

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<a:string>Set\_current\_time</a:string>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

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<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

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<AAI>11</AAI>

<AEI>11</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

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<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>SetState\_PARKEN</a:string>

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<C>delay</C>

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<a:string>1000</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>22</LN>

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<AEI>23</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>500</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

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<ANI>26</ANI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is not retriggered?"</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>28</LN>

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<AAI>29</AAI>

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<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<LN>29</LN>

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<C>call\_macro</C>

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<a:string>SetState\_STAND</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>32</LN>

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<AEI>33</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>500</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AEI>35</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is not retriggered?"</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AAI>37</AAI>

<AEI>37</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AEI>38</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

<AEI>40</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AEI>41</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

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<LN>41</LN>

<ANI>42</ANI>

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<AEI>42</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AEI>43</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

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<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_active</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

<AEI>46</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is not retriggered?"</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AAI>47</AAI>

<AEI>47</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AEI>48</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AAI>49</AAI>

<AEI>49</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

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<AEI>50</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_STAND</a:string>

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<LN>50</LN>

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<LN>51</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>52</LN>

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<AEI>53</AEI>

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<SC>except\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<LN>53</LN>

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<AEI>54</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>54</LN>

<ANI>55</ANI>

<AEI>55</AEI>

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<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>55</LN>

<ANI>56</ANI>

<AAI>56</AAI>

<AEI>56</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is not retriggered?"</a:string>

</P>

<LN>56</LN>

<ANI>57</ANI>

<AAI>57</AAI>

<AEI>57</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>57</LN>

<ANI>58</ANI>

<AAI>58</AAI>

<AEI>58</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Performe a state switch PARKEN -&gt; WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Performe a state switch STAND -&gt; WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Performe a state switch PARKEN -&gt; PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Performe a state switch STAND -&gt; PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. CC ID 79d is triggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. CC ID 79d is not retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. CC ID 79d is not triggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. CC ID 79d is not triggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. CC ID 79d is not triggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<eANI>-1</eANI>

<bAAI>58</bAAI>

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<ID>[SSTS\_GEN5CI\_ATP\_96]</ID>

<N>7\_CC - Kaltland - CC ID 79d not retriggered (state switch: sleep mode to PRUEFEN state) -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<ID>1</ID>

<LOCs>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

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<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>3000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>14200</a:string>

</P>

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<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

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<AEI>14</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<LN>18</LN>

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<AAI>19</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<LN>19</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PARKEN</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>2000</a:string>

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<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

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<AEI>24</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

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<C>delay</C>

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<C>call\_macro</C>

<AT>tempActiveCC</AT>

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<a:string>Check\_CC</a:string>

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<LN>26</LN>

<ANI>27</ANI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is retriggered?"</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

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<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

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<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<ANI>31</ANI>

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<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<LN>31</LN>

<ANI>32</ANI>

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<a:string>60</a:string>

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<LN>32</LN>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set PRUFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. CC ID 79d is retriggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<N>7\_CC - Kaltland - CC ID 79d not retriggered (state switch: FAHREN - sleep mode - FAHREN) -for G11</N>

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<a:string>Set\_current\_time</a:string>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<C>call\_macro</C>

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<a:string>BR\_KENNUNG</a:string>

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<a:string>TEMPERATURWARNUNG</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

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<C>delay</C>

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<a:string>90</a:string>

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<a:string>14200</a:string>

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<C>call\_macro</C>

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<C>delay</C>

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<C>call\_macro</C>

<AT>tempActiveCC</AT>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

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<LN>15</LN>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

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<LN>16</LN>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempResponse</AT>

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<a:string>tempResponse</a:string>

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<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<a:string>SetState\_PARKEN</a:string>

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<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

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<C>delay</C>

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<AT>tempActiveCC</AT>

<P>

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<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>27</LN>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is retriggered?"</a:string>

</P>

<LN>28</LN>

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<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

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<AT>tempResponse</AT>

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<C>check\_if</C>

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<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

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<C>set\_env</C>

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<a:string>60</a:string>

</P>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 79d is retriggered and flag is set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

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<F>Yes</F>

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<C i:nil="true" />

<VAR />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

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<OBSOLETE>

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<eANI>-1</eANI>

<bAAI>33</bAAI>

<bAEI>33</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_98]</ID>

<N>7\_CC - Kaltland - CC ID 79d not retriggered (state switch: sleep mode to WOHNEN state) -for G11</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

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<ANI>4</ANI>

<AEI>4</AEI>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>BR\_KENNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>TEMPERATURWARNUNG</a:string>

<a:string>01</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

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<ANI>8</ANI>

<AAI>8</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

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<ANI>9</ANI>

<AEI>9</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>3000</a:string>

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<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>14200</a:string>

</P>

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<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

</LOC>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is triggered?"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AEI>18</AEI>

</LOC>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_PARKEN</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempActiveCC</AT>

<P>

<a:string>Check\_CC</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempActiveCC==79</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>CC\_79\_not\_active</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<LOC>

<SC>for\_G11,no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 79d is retriggered?"</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>ATP\_ATempWarn</a:string>

<a:string>1</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AEI>30</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse==01</a:string>

<a:string>1</a:string>

<a:string>dec</a:string>

<a:string>flag\_is\_not\_01</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

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<SC>for\_G11,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>32</LN>

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<AAI>33</AAI>

<AEI>33</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code BR\_KENNUNG=01 (for G11)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code TEMPERATURWARNUNG=1 (Kaltland)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set motor temperature to 90\'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Decrease Atemp value to 2\'b0C (set 14200 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set sleep mode}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. CC ID 79d is retriggered and flag is still set}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-82}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<LNK>

<V>40\_1516</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<bANI>1</bANI>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_101]</ID>

<N>8\_Error - Short circuit to GND for Atemp</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

</P>

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<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

</P>

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<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Perform a short circuit to GND for Atemp sensor (join two paths of the ATP input)"</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>4000</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

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<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

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<C>get\_signal</C>

<AT>temp5E0</AT>

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<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

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<a:string>temp5E0==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

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<AT>temp5E0</AT>

<P>

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<C>check\_if</C>

<P>

<a:string>temp5E0==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>26</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

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<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

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<a:string>tempDTCstatus</a:string>

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<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

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<LN>29</LN>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

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<a:string>"Is it true that CC ID 165d (+50°C) was active after 8sec?"</a:string>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

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<a:string>"Stop the short circuit to GND for Atemp sensor"</a:string>

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<AT>tempDTCstatus</AT>

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<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

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<AT>tempDTCstatus</AT>

<P>

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<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

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<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

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}&#xD;

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Perform a short circuit to GND for Atemp sensor (join two paths of the ATP input) and monitor msg. ID 2CAh after 2sec and after 6sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check DTC B7F654 and Monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Stop the short circuit to GND for Atemp sensor}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch After 6sec last valid values are still sent over CAN in msg. ID 2CAh (10 degrees)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. DTC B7F654 is stored and active after 8 seconds and also after 8 seconds CC ID 165d (+50\'b0C) is active and invalid values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. DTC B7F654 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<N>8\_Error - Lowest boundary limit when ATP\_ANZ\_FEHLER\_1 is coded to defaul value 36</N>

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<C>call\_macro</C>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

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<a:string>36</a:string>

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<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

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<a:string>R1</a:string>

<a:string>9949</a:string>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<LN>8</LN>

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<C>check\_if</C>

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<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

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<a:string>100</a:string>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

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<C>delay</C>

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<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

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<a:string>2000</a:string>

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<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

<P>

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</P>

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<C>check\_if</C>

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<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

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<C>get\_signal</C>

<AT>temp5E0</AT>

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<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

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<a:string>temp5E0==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d (+50°C) was active after 8sec?"</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AEI>32</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>B7F654</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AEI>33</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AAI>35</AAI>

<AEI>35</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AEI>37</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>450</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

<AEI>40</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AEI>41</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

<AAI>42</AAI>

<AEI>42</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>4000</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AAI>43</AAI>

<AEI>43</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

<AEI>44</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AAI>45</AAI>

<AEI>45</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

<AEI>46</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AEI>47</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AAI>48</AAI>

<AEI>48</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AEI>49</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

<AAI>50</AAI>

<AEI>50</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>50</LN>

<ANI>51</ANI>

<AEI>51</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

<AAI>52</AAI>

<AEI>52</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>52</LN>

<ANI>53</ANI>

<AAI>53</AAI>

<AEI>53</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>53</LN>

<ANI>54</ANI>

<AAI>54</AAI>

<AEI>54</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>54</LN>

<ANI>55</ANI>

<AEI>55</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>55</LN>

<ANI>56</ANI>

<AEI>56</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>56</LN>

<ANI>57</ANI>

<AAI>57</AAI>

<AEI>57</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>57</LN>

<ANI>58</ANI>

<AAI>58</AAI>

<AEI>58</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>58</LN>

<ANI>59</ANI>

<AAI>59</AAI>

<AEI>59</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>59</LN>

<ANI>60</ANI>

<AEI>60</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>60</LN>

<ANI>61</ANI>

<AAI>61</AAI>

<AEI>61</AEI>

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<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing the lowest boundary limit when ATP\_ANZ\_FEHLER\_1 is coded to defaul value 36}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ANZ\_FEHLER\_1 to 36 (ADC value = 36d =54d =&gt; 95\'b0C =393 Ohm)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set Atemp to an invalid value (set 100 ohm using a resistance decade) and monitor msg. ID 2CAh after 2sec and after 6sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check DTC B7F654 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 450 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check DTC B7F654 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. After 2sec last valid values are still sent over CAN in msg. ID 2CAh (10 degrees)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After 6sec last valid values are still sent over CAN in msg. ID 2CAh (10 degrees)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. DTC B7F654 is stored and active after 8 seconds and also after 8 seconds CC ID 165d (+50\'b0C) is active and invalid values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. DTC B7F654 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. DTC B7F654 is NOT stored after 8 seconds and values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. DTC B7F654 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_11101</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_12842</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_11102</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<LNK>

<V>40\_11104</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

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<CH>8\_Error</CH>

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<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>61</bAAI>

<bAEI>61</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_103]</ID>

<N>8\_Error - Boundary values for coding ATP\_ANZ\_FEHLER\_1</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ANZ\_FEHLER\_1</a:string>

<a:string>05</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>1</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d (+50°C) was active after 8sec?"</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>100</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AEI>35</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AEI>37</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AEI>39</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

<AEI>40</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AAI>41</AAI>

<AEI>41</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

<AAI>42</AAI>

<AEI>42</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AEI>43</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

<AEI>44</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

<AEI>46</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AAI>47</AAI>

<AEI>47</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AEI>48</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AAI>49</AAI>

<AEI>49</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

<AAI>50</AAI>

<AEI>50</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ANZ\_FEHLER\_1</a:string>

<a:string>FF</a:string>

</P>

<LN>50</LN>

<ANI>51</ANI>

<AEI>51</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

<AAI>52</AAI>

<AEI>52</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>52</LN>

<ANI>53</ANI>

<AAI>53</AAI>

<AEI>53</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>53</LN>

<ANI>54</ANI>

<AEI>54</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>54</LN>

<ANI>55</ANI>

<AAI>55</AAI>

<AEI>55</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>1000</a:string>

</P>

<LN>55</LN>

<ANI>56</ANI>

<AAI>56</AAI>

<AEI>56</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>56</LN>

<ANI>57</ANI>

<AAI>57</AAI>

<AEI>57</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>57</LN>

<ANI>58</ANI>

<AEI>58</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>58</LN>

<ANI>59</ANI>

<AAI>59</AAI>

<AEI>59</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>59</LN>

<ANI>60</ANI>

<AEI>60</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>60</LN>

<ANI>61</ANI>

<AAI>61</AAI>

<AEI>61</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>61</LN>

<ANI>62</ANI>

<AAI>62</AAI>

<AEI>62</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==1</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>62</LN>

<ANI>63</ANI>

<AAI>63</AAI>

<AEI>63</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>63</LN>

<ANI>64</ANI>

<AAI>64</AAI>

<AEI>64</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>64</LN>

<ANI>65</ANI>

<AAI>65</AAI>

<AEI>65</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>65</LN>

<ANI>66</ANI>

<AEI>66</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>66</LN>

<ANI>67</ANI>

<AAI>67</AAI>

<AEI>67</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>67</LN>

<ANI>68</ANI>

<AAI>68</AAI>

<AEI>68</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d (+50°C) was active after 8sec?"</a:string>

</P>

<LN>68</LN>

<ANI>69</ANI>

<AAI>69</AAI>

<AEI>69</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>69</LN>

<ANI>70</ANI>

<AAI>70</AAI>

<AEI>70</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>70</LN>

<ANI>71</ANI>

<AEI>71</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>71</LN>

<ANI>72</ANI>

<AAI>72</AAI>

<AEI>72</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>72</LN>

<ANI>73</ANI>

<AEI>73</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>73</LN>

<ANI>74</ANI>

<AAI>74</AAI>

<AEI>74</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>74</LN>

<ANI>75</ANI>

<AAI>75</AAI>

<AEI>75</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>75</LN>

<ANI>76</ANI>

<AEI>76</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>76</LN>

<ANI>77</ANI>

<AAI>77</AAI>

<AEI>77</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>2800</a:string>

</P>

<LN>77</LN>

<ANI>78</ANI>

<AAI>78</AAI>

<AEI>78</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>78</LN>

<ANI>79</ANI>

<AAI>79</AAI>

<AEI>79</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>79</LN>

<ANI>80</ANI>

<AEI>80</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>80</LN>

<ANI>81</ANI>

<AAI>81</AAI>

<AEI>81</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>81</LN>

<ANI>82</ANI>

<AEI>82</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>82</LN>

<ANI>83</ANI>

<AAI>83</AAI>

<AEI>83</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>83</LN>

<ANI>84</ANI>

<AEI>84</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>84</LN>

<ANI>85</ANI>

<AAI>85</AAI>

<AEI>85</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>85</LN>

<ANI>86</ANI>

<AAI>86</AAI>

<AEI>86</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>86</LN>

<ANI>87</ANI>

<AAI>87</AAI>

<AEI>87</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>87</LN>

<ANI>88</ANI>

<AEI>88</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>88</LN>

<ANI>89</ANI>

<AAI>89</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>89</LN>

<ANI>90</ANI>

<AEI>90</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>90</LN>

<ANI>91</ANI>

<AAI>91</AAI>

<AEI>91</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>91</LN>

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<AAI>92</AAI>

<AEI>92</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>92</LN>

<ANI>93</ANI>

<AEI>93</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>93</LN>

<ANI>94</ANI>

<AAI>94</AAI>

<AEI>94</AEI>

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<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing the Boundary values for coding ATP\_ANZ\_FEHLER\_1}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ANZ\_FEHLER\_1 to 05 (ADC value = 5d =5d)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 1 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check DTC B7F654 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 100 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check DTC B7F654 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ANZ\_FEHLER\_1 to FF (ADC value = FFd =255d =&gt; 47\'b0C =2020 Ohm)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 1000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Check DTC B7F654 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 2800 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. Check DTC B7F654 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 8. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. DTC B7F654 is stored and active after 8 seconds and also after 8 seconds CC ID 165d (+50\'b0C) is active and invalid values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. DTC B7F654 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. DTC B7F654 is NOT stored after 8 seconds and values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. DTC B7F654 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. DTC B7F654 is stored and active after 8 seconds and also after 8 seconds CC ID 165d (+50\'b0C) is active and invalid values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. DTC B7F654 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. DTC B7F654 is NOT stored after 8 seconds and values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 8. DTC B7F654 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_11100</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_11101</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_11102</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

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<V>40\_11104</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<LNK>

<V>40\_12842</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<VAR />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>8\_Error</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>94</bAAI>

<bAEI>94</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_104]</ID>

<N>8\_Error - CAN msg 2CAh is send after sleep/HW/SW reset -when invalid value for resistance is set</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>100</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Performe a HW\_reset"</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

</LOC>

<LOC>

<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>HW\_reset</C>

<P />

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AEI>35</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AEI>37</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AEI>39</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

<AEI>40</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AEI>41</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

<AAI>42</AAI>

<AEI>42</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AEI>43</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

<AEI>44</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

<AEI>46</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AEI>47</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AAI>48</AAI>

<AEI>48</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AEI>49</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

<AAI>50</AAI>

<AEI>50</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>50</LN>

<ANI>51</ANI>

<AAI>51</AAI>

<AEI>51</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

<AEI>52</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>52</LN>

<ANI>53</ANI>

<AEI>53</AEI>

</LOC>

</LOCs>

</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that when invalid value for resistance is set, CAN msg 2CAh is send after sleep/HW/SW reset }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUFEN state }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set Atemp to an invalid value (set 100 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a sleep wake-up cycle}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a HW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a SW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. DTC B7F654 is stored and active after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_11101</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_12842</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>8\_Error</CH>

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<OTP>

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<eANI>-1</eANI>

<bAAI>53</bAAI>

<bAEI>53</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_105]</ID>

<N>8\_Error - CAN msg 2CAh is send after sleep/HW/SW reset -when a short circuit to GND is performed</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Perform a short circuit to GND for Atemp sensor (join two paths of the ATP input)"</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f654</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

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<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Performe a HW\_reset"</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>HW\_reset</C>

<P />

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AEI>35</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AEI>37</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AEI>39</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

<AEI>40</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AEI>41</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

<AAI>42</AAI>

<AEI>42</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AEI>43</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

<AEI>44</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

<AEI>46</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AEI>47</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AAI>48</AAI>

<AEI>48</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AEI>49</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>49</LN>

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<AAI>50</AAI>

<AEI>50</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>50</LN>

<ANI>51</ANI>

<AAI>51</AAI>

<AEI>51</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

<AEI>52</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>52</LN>

<ANI>53</ANI>

<AEI>53</AEI>

</LOC>

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<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that when a short circuit to GND is performed, CAN msg 2CAh is send after sleep/HW/SW reset }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUFEN state }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Perform a short circuit to GND (join two paths of the ATP input)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a sleep wake-up cycle}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a HW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a SW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. DTC B7F654 is stored and active after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

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<V>40\_11101</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_12842</V>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<CH>8\_Error</CH>

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<eANI>-1</eANI>

<bAAI>53</bAAI>

<bAEI>53</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_106]</ID>

<N>8\_Error - Short circuit to UB for Atemp</N>

<TSs>

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<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Perform a short circuit to UB for Atemp sensor"</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>4000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>14</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>15</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>16</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>17</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

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<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>20</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==50</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==2</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

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<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d (-40°C) was active after 8sec?"</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Stop the short circuit to UB for Atemp sensor"</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AEI>33</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AAI>35</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>36</LN>

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<AEI>37</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Perform a short circuit to UB for Atemp sensor (disconnect the ATP input) and monitor msg. ID 2CAh after 2sec and after 6sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check DTC B7F655 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Stop the short circuit to UB for Atemp sensor}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. After 2sec last valid values are still sent over CAN in msg. ID 2CAh (10 degrees)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After 6sec last valid values are still sent over CAN in msg. ID 2CAh (10 degrees)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. DTC B7F655 is stored and active after 8 seconds and also after 8 seconds CC ID 165d (-40\'b0C) is active and invalid values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. DTC B7F655 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_11101</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<LNK>

<V>40\_12842</V>

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<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<V>40\_11108</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<NFT>No</NFT>

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<CH>8\_Error</CH>

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<eAEI>-2</eAEI>

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<N>8\_Error - Highest boundary limit when ATP\_ANZ\_FEHLER\_2 is coded to defaul value 57</N>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SetState\_WOHNEN</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>CODE</a:string>

<a:string>ATP\_ANZ\_FEHLER\_2</a:string>

<a:string>57</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>4</LN>

<ANI>5</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>5</LN>

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<AAI>6</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>359950</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>4000</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==2</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d (- 40°C) was active after 8sec?"</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AEI>33</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AAI>35</AAI>

<AEI>35</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AAI>37</AAI>

<AEI>37</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AEI>38</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>320000</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

<AEI>40</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AAI>41</AAI>

<AEI>41</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

<AEI>42</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AAI>43</AAI>

<AEI>43</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>4000</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

<AEI>44</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

<AEI>46</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AAI>47</AAI>

<AEI>47</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AEI>48</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AAI>49</AAI>

<AEI>49</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

<AEI>50</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>50</LN>

<ANI>51</ANI>

<AAI>51</AAI>

<AEI>51</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

<AEI>52</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>52</LN>

<ANI>53</ANI>

<AAI>53</AAI>

<AEI>53</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>53</LN>

<ANI>54</ANI>

<AAI>54</AAI>

<AEI>54</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>54</LN>

<ANI>55</ANI>

<AAI>55</AAI>

<AEI>55</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>55</LN>

<ANI>56</ANI>

<AEI>56</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>56</LN>

<ANI>57</ANI>

<AEI>57</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>57</LN>

<ANI>58</ANI>

<AAI>58</AAI>

<AEI>58</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>58</LN>

<ANI>59</ANI>

<AAI>59</AAI>

<AEI>59</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>59</LN>

<ANI>60</ANI>

<AAI>60</AAI>

<AEI>60</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>60</LN>

<ANI>61</ANI>

<AEI>61</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>61</LN>

<ANI>62</ANI>

<AAI>62</AAI>

<AEI>62</AEI>

</LOC>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ANZ\_FEHLER\_2 to 57 (ADC value = 57h +300h =855d =&gt; -50\'b0C = 335050 Ohm)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Atemp to an invalid value (set 359950 ohm using a resistance decade) and monitor msg. ID 2CAh after 2sec and after 6sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check DTC B7F655 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 320000 ohm using a resistance decade) and monitor msg. ID 2CAh after 2sec and after 6sec}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Check DTC B7F655 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. DTC B7F655 is stored and active after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. After 8 seconds CC ID 165d (-40\'b0C) is active and invalid values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. DTC B7F655 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. DTC B7F655 is NOT stored valid values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. DTC B7F655 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_11101</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_11103</V>

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<LT>Functional</LT>

<F>Yes</F>

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<LT>Functional</LT>

<F>Yes</F>

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<LT>Functional</LT>

<F>Yes</F>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<N>8\_Error - Boundary values for coding ATP\_ANZ\_FEHLER\_2</N>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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</P>

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<AEI>2</AEI>

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<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<AEI>3</AEI>

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<C>call\_macro</C>

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<a:string>01</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

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<a:string>1</a:string>

</P>

<LN>4</LN>

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<AAI>5</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

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<a:string>9949</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>6</LN>

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<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>1000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>37520</a:string>

</P>

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<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

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</P>

<LN>15</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==2</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d (- 40°C) was active after 8sec?"</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

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<LN>26</LN>

<ANI>27</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AEI>28</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>31</LN>

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<AEI>32</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<a:string>R1</a:string>

<a:string>30000</a:string>

</P>

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<AAI>33</AAI>

<AEI>33</AEI>

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<C>delay</C>

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<a:string>8500</a:string>

</P>

<LN>33</LN>

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<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>35</LN>

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<AEI>36</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>37</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AEI>39</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AAI>41</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

<AAI>42</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AEI>43</AEI>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

<AEI>44</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

<AEI>46</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AAI>49</AAI>

<AEI>49</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATP\_ANZ\_FEHLER\_2</a:string>

<a:string>FF</a:string>

</P>

<LN>50</LN>

<ANI>51</ANI>

<AEI>51</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

<AAI>52</AAI>

<AEI>52</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>52</LN>

<ANI>53</ANI>

<AAI>53</AAI>

<AEI>53</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>53</LN>

<ANI>54</ANI>

<AEI>54</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>54</LN>

<ANI>55</ANI>

<AAI>55</AAI>

<AEI>55</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>1000000</a:string>

</P>

<LN>55</LN>

<ANI>56</ANI>

<AAI>56</AAI>

<AEI>56</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>56</LN>

<ANI>57</ANI>

<AAI>57</AAI>

<AEI>57</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>57</LN>

<ANI>58</ANI>

<AEI>58</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>58</LN>

<ANI>59</ANI>

<AAI>59</AAI>

<AEI>59</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>59</LN>

<ANI>60</ANI>

<AEI>60</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>60</LN>

<ANI>61</ANI>

<AAI>61</AAI>

<AEI>61</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>61</LN>

<ANI>62</ANI>

<AAI>62</AAI>

<AEI>62</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==2</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>62</LN>

<ANI>63</ANI>

<AAI>63</AAI>

<AEI>63</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>63</LN>

<ANI>64</ANI>

<AAI>64</AAI>

<AEI>64</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>64</LN>

<ANI>65</ANI>

<AAI>65</AAI>

<AEI>65</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>65</LN>

<ANI>66</ANI>

<AEI>66</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>66</LN>

<ANI>67</ANI>

<AAI>67</AAI>

<AEI>67</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>67</LN>

<ANI>68</ANI>

<AAI>68</AAI>

<AEI>68</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that CC ID 165d (- 40°C) was active after 8sec?"</a:string>

</P>

<LN>68</LN>

<ANI>69</ANI>

<AAI>69</AAI>

<AEI>69</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>69</LN>

<ANI>70</ANI>

<AAI>70</AAI>

<AEI>70</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>70</LN>

<ANI>71</ANI>

<AEI>71</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>71</LN>

<ANI>72</ANI>

<AAI>72</AAI>

<AEI>72</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>72</LN>

<ANI>73</ANI>

<AEI>73</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>73</LN>

<ANI>74</ANI>

<AAI>74</AAI>

<AEI>74</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>74</LN>

<ANI>75</ANI>

<AAI>75</AAI>

<AEI>75</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>75</LN>

<ANI>76</ANI>

<AEI>76</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>76</LN>

<ANI>77</ANI>

<AAI>77</AAI>

<AEI>77</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>800000</a:string>

</P>

<LN>77</LN>

<ANI>78</ANI>

<AAI>78</AAI>

<AEI>78</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>78</LN>

<ANI>79</ANI>

<AAI>79</AAI>

<AEI>79</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>79</LN>

<ANI>80</ANI>

<AEI>80</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>80</LN>

<ANI>81</ANI>

<AAI>81</AAI>

<AEI>81</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>81</LN>

<ANI>82</ANI>

<AEI>82</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>82</LN>

<ANI>83</ANI>

<AAI>83</AAI>

<AEI>83</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>83</LN>

<ANI>84</ANI>

<AEI>84</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>84</LN>

<ANI>85</ANI>

<AAI>85</AAI>

<AEI>85</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>85</LN>

<ANI>86</ANI>

<AAI>86</AAI>

<AEI>86</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>86</LN>

<ANI>87</ANI>

<AAI>87</AAI>

<AEI>87</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>87</LN>

<ANI>88</ANI>

<AEI>88</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>88</LN>

<ANI>89</ANI>

<AAI>89</AAI>

<AEI>89</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>89</LN>

<ANI>90</ANI>

<AEI>90</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>90</LN>

<ANI>91</ANI>

<AAI>91</AAI>

<AEI>91</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus!=0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>91</LN>

<ANI>92</ANI>

<AAI>92</AAI>

<AEI>92</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>92</LN>

<ANI>93</ANI>

<AEI>93</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>93</LN>

<ANI>94</ANI>

<AAI>94</AAI>

<AEI>94</AEI>

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</T>

</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing the Boundary values for coding ATP\_ANZ\_FEHLER\_2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set WOHNEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ANZ\_FEHLER\_2 to 01 (ADC value = 01h +300h =769d =&gt; -13\'b0C =32520 Ohm)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 37520 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check DTC B7F655 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 30000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Check DTC B7F655 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATP\_ANZ\_FEHLER\_2 to FF (ADC value = FFh +300h =1023d =&gt; -50\'b0C =1000000 Ohm)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 1000000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Check DTC B7F655 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to an invalid value (set 800000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. Check DTC B7F655 and monitor CAN msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 8. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. DTC B7F655 is stored and active after 8 seconds, CC ID 165d (-40\'b0C) is active and invalid values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. DTC B7F655 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. DTC B7F655 is NOT stored valid values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. DTC B7F655 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. DTC B7F655 is stored and active after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch After 8 seconds CC ID 165d (-40\'b0C) is active and invalid values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. DTC B7F655 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 7. DTC B7F655 is NOT stored valid values are sent over CAN in msg. ID 2CAh and 5E0h ID2= 140d}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 8. DTC B7F655 is inactive and valid value (10 degrees) is sent over CAN in msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See GBB-81}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_11101</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<V>40\_11103</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_11105</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<V>40\_12842</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<VAR />

<CH>8\_Error</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>94</bAAI>

<bAEI>94</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_109]</ID>

<N>8\_Error - CAN msg 2CAh is send after sleep/HW/SW reset -when invalid value for resistance is set</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

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<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

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<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

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<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>600000</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Performe a HW\_reset"</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>HW\_reset</C>

<P />

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AEI>35</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AEI>37</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AEI>39</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

<AEI>40</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AEI>41</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

<AAI>42</AAI>

<AEI>42</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AEI>43</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

<AEI>44</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

<AEI>46</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AEI>47</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AAI>48</AAI>

<AEI>48</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AEI>49</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

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<AEI>50</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>50</LN>

<ANI>51</ANI>

<AAI>51</AAI>

<AEI>51</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

<AEI>52</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>52</LN>

<ANI>53</ANI>

<AEI>53</AEI>

</LOC>

</LOCs>

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</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that when a short circuit to UB is performed, CAN msg 2CAh is send after sleep/HW/SW reset }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUFEN state }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set Atemp to an invalid value (set 600000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a sleep wake-up cycle}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a HW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a SW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. DTC B7F655 is stored and active after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_12842</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

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<ID>[SSTS\_GEN5CI\_ATP\_110]</ID>

<N>8\_Error - CAN msg 2CAh is send after sleep/HW/SW reset -when a short circuit to UB is performed</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

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<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

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<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Perform a short circuit to UB (disconnect the ATP input)"</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>Read\_DTC\_Status</a:string>

<a:string>b7f655</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_hexa</C>

<AT>tempDTCstatus</AT>

<P>

<a:string>tempDTCstatus</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempDTCstatus==0x2F</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>DTC was not stored</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AEI>27</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AEI>29</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AAI>30</AAI>

<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AAI>32</AAI>

<AEI>32</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Performe a HW\_reset"</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

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<SC>skip,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>HW\_reset</C>

<P />

<LN>33</LN>

<ANI>34</ANI>

<AAI>34</AAI>

<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AEI>35</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AEI>37</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AEI>39</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AAI>40</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AEI>41</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SW\_Reset</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AEI>43</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8500</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

<AEI>44</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AEI>45</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

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<AEI>46</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AEI>47</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AAI>48</AAI>

<AEI>48</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATP\_filt</AT>

<P>

<a:string>Read\_ATP\_filtered\_C</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AEI>49</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATP\_filt==-40</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>ATemp\_not\_expected</a:string>

</P>

<LN>49</LN>

<ANI>50</ANI>

<AAI>50</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>50</LN>

<ANI>51</ANI>

<AAI>51</AAI>

<AEI>51</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>51</LN>

<ANI>52</ANI>

<AEI>52</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Set\_current\_time</a:string>

</P>

<LN>52</LN>

<ANI>53</ANI>

<AEI>53</AEI>

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<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that when a short circuit to UB is performed, CAN msg 2CAh is send after sleep/HW/SW reset }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUFEN state }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Perform a short circuit to UB (disconnect the ATP input)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a sleep wake-up cycle}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a HW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a SW reset}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Monitor CAN msg. ID 2CAh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. DTC B7F655 is stored and active after 8 seconds}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. The value of signals TEMP\_EX and TEMP\_EX\_UNFILT are FFh}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_11101</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_12842</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>8\_Error</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>53</bAAI>

<bAEI>53</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_111]</ID>

<N>8\_Error - No damping is used after recovery form error mode short circuit to GND is performed</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>negative</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>4</LN>

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<AAI>5</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>100</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8000</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==2</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>6245</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==20</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AEI>32</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

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<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>34</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AAI>37</AAI>

<AEI>37</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Perform a short circuit to GND for Atemp sensor (join two paths of the ATP input)"</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8000</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AEI>40</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>tempATemp</AT>

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<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

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<LN>41</LN>

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<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

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<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

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<LN>42</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

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<LN>43</LN>

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<a:string>temp5E0==2</a:string>

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<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

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<AT>temp5E0</AT>

<P>

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<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

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<LN>45</LN>

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<P>

<a:string>temp5E0==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>46</LN>

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<C>set\_env</C>

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<a:string>R1</a:string>

<a:string>6245</a:string>

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<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

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<AEI>56</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Atemp to an invalid value (set 100 ohm using a resistance decade) and monitor msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp to 20\'b0C (set 6245 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Perform a short circuit to GND for Atemp sensor (join two paths of the ATP input) and monitor msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Set Atemp to 20\'b0C (set 6245 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Invalid values FFh are sent over CAN in msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Valid value (20\'b0C ) is updated and sent over CAN in msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Valid value (10\'b0C ) is sent over CAN in msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Invalid values FFh are sent over CAN in msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Valid value (20\'b0C ) is updated and sent over CAN in msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<C>call\_macro</C>

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<C>set\_env</C>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<AT>tempATemp</AT>

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<a:string>Check\_ATemp\_TEMP\_EX</a:string>

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<C>check\_if</C>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

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<C>set\_env</C>

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<C>delay</C>

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<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

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<C>call\_macro</C>

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<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

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<AT>temp5E0</AT>

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<a:string>Message 5E0 was send correctly</a:string>

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<AT>temp5E0</AT>

<P>

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<a:string>dec</a:string>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

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<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9949</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>29</LN>

<ANI>30</ANI>

<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AAI>31</AAI>

<AEI>31</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>31</LN>

<ANI>32</ANI>

<AEI>32</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AAI>33</AAI>

<AEI>33</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>33</LN>

<ANI>34</ANI>

<AEI>34</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==10</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>34</LN>

<ANI>35</ANI>

<AAI>35</AAI>

<AEI>35</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>35</LN>

<ANI>36</ANI>

<AAI>36</AAI>

<AEI>36</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>36</LN>

<ANI>37</ANI>

<AAI>37</AAI>

<AEI>37</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Perform a short circuit to UB (disconnect the ATP input)"</a:string>

</P>

<LN>37</LN>

<ANI>38</ANI>

<AAI>38</AAI>

<AEI>38</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>8000</a:string>

</P>

<LN>38</LN>

<ANI>39</ANI>

<AAI>39</AAI>

<AEI>39</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>39</LN>

<ANI>40</ANI>

<AEI>40</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>40</LN>

<ANI>41</ANI>

<AAI>41</AAI>

<AEI>41</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>41</LN>

<ANI>42</ANI>

<AEI>42</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==87.5</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>42</LN>

<ANI>43</ANI>

<AAI>43</AAI>

<AEI>43</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>43</LN>

<ANI>44</ANI>

<AAI>44</AAI>

<AEI>44</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==2</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>44</LN>

<ANI>45</ANI>

<AAI>45</AAI>

<AEI>45</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>RWDT\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>45</LN>

<ANI>46</ANI>

<AAI>46</AAI>

<AEI>46</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==65535</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send correctly</a:string>

</P>

<LN>46</LN>

<ANI>47</ANI>

<AAI>47</AAI>

<AEI>47</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>6245</a:string>

</P>

<LN>47</LN>

<ANI>48</ANI>

<AAI>48</AAI>

<AEI>48</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>48</LN>

<ANI>49</ANI>

<AEI>49</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>49</LN>

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<AEI>50</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX</a:string>

</P>

<LN>50</LN>

<ANI>51</ANI>

<AEI>51</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==20</a:string>

<a:string>0.5</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_value\_nok\_on\_CAN</a:string>

</P>

<LN>51</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempATemp</AT>

<P>

<a:string>Check\_ATemp\_TEMP\_EX\_UNFILT</a:string>

</P>

<LN>52</LN>

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<AEI>53</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempATemp==20</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Atemp\_unfilt\_value\_nok\_on\_CAN</a:string>

</P>

<LN>53</LN>

<ANI>54</ANI>

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<AEI>54</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp5E0</AT>

<P>

<a:string>SVC\_Kombi</a:string>

<a:string>ERR\_OBD\_SEN\_1</a:string>

<a:string>dec</a:string>

</P>

<LN>54</LN>

<ANI>55</ANI>

<AAI>55</AAI>

<AEI>55</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp5E0==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Message 5E0 was send incorrect</a:string>

</P>

<LN>55</LN>

<ANI>56</ANI>

<AAI>56</AAI>

<AEI>56</AEI>

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<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that no damping is used after recovery form error mode short circuit to UB is performed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUFEN state }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Atemp to an invalid value (set 600000 ohm using a resistance decade) and monitor msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Atemp to 20\'b0C (set 6245 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set Atemp to 10\'b0C (set 9949 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Perform a short circuit to UB (disconnect the ATP input) and monitor msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Set Atemp to 20\'b0C (set 6245 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Valid value (10\'b0C ) is sent over CAN in msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Invalid values FFh are sent over CAN in msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Valid value (20\'b0C ) is updated and sent over CAN in msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Valid value (10\'b0C ) is sent over CAN in msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Invalid values FFh are sent over CAN in msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Valid value (20\'b0C ) is updated and sent over CAN in msg. ID 2CAh and 5E0h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

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<V>40\_11101</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_12842</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

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<VAR />

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<eANI>-1</eANI>

<bAAI>56</bAAI>

<bAEI>56</bAEI>

<eAEI>-2</eAEI>

</OTP>

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<ID>[SSTS\_GEN5CI\_ATP\_113]</ID>

<N>9\_TeFu - Values for Atemp Sensor form TeFu Temperatur menu</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AAI>3</AAI>

<AEI>3</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter TeFu menu"</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Unlock TeFu"</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter Temperature TeFu menu"</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>TeFu\_temperature</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempRowIndex</AT>

<P>

<a:string>3</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>read\_test\_parameters</C>

<P>

<a:string>Parameterization\_ATP.xlsx</a:string>

<a:string>9\_TeFu\_ATP\_Sensor</a:string>

<a:string>by\_cols</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>reverse\_stack\_order</C>

<P>

<a:string>stackOhmValue</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>for\_each</C>

<P>

<a:string>tempOhmValue</a:string>

<a:string>stackOhmValue</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>30</AAI>

<AEI>29</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Set Ohm value to tempOhmValue"</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>tempOhmValue</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

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<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AEI>15</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester\_input</C>

<AT>temp1</AT>

<P>

<a:string>Write the minimum value from TeFu Temp A-Temp Sensor</a:string>

</P>

<LN>16</LN>

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<AAI>17</AAI>

<AEI>17</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester\_input</C>

<AT>tempRowIndex</AT>

<P>

<a:string>"write\_excel\_cell : 9\_TeFu\_ATP\_Sensor"</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester\_input</C>

<AT>temp3</AT>

<P>

<a:string>Write the maximum value from TeFu Temp A-Temp Sensor</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"write\_excel\_cell: 9\_TeFu\_ATP\_Sensor,tempRowIndex,5,temp3"</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"read\_excel\_cell: tempExpectedValue\_MIN=9\_TeFu\_ATP\_Sensor,tempRowIndex,8"</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>format\_into\_string</C>

<AT>tempResult</AT>

<P>

<a:string>"A-Temp Sensor: "+tempExpectedValue\_MIN</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempExpectedValue\_MIN=="OK"</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>tempResult</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"read\_excel\_cell: tempExpectedValue\_MAX=9\_TeFu\_ATP\_Sensor,tempRowIndex,9"</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>format\_into\_string</C>

<AT>tempResult2</AT>

<P>

<a:string>"A-Temp Sensor: "+tempExpectedValue\_MAX</a:string>

</P>

<LN>26</LN>

<ANI>27</ANI>

<AAI>27</AAI>

<AEI>27</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempExpectedValue\_MAX=="OK"</a:string>

<a:string>0</a:string>

<a:string>str</a:string>

<a:string>tempResult2</a:string>

</P>

<LN>27</LN>

<ANI>28</ANI>

<AAI>28</AAI>

<AEI>28</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempRowIndex</AT>

<P>

<a:string>tempRowIndex+1</a:string>

</P>

<LN>28</LN>

<ANI>29</ANI>

<AAI>29</AAI>

<AEI>29</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>fend</C>

<P />

<LN>29</LN>

<ANI>30</ANI>

<AAI>11</AAI>

<AEI>30</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>30</LN>

<ANI>31</ANI>

<AEI>31</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>31</LN>

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<AAI>32</AAI>

<AEI>32</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>32</LN>

<ANI>33</ANI>

<AEI>33</AEI>

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</LOCs>

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</Ts>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set Unit to \'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Press cluster key for more than 10 sec to activate Test Function menu}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Enter Temperature menu A-Temp. Sensor}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set resistor/resistance decade according to column "OhmValue" form parameterization sheet 8\_TeFu\_ATP\_Sensor}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Write the values observed in TeFu menu in columns "ActualValue\_MIN" and "ActualValue\_MAX" from the 9\_TeFu\_ATP\_Sensor parameterization sheet}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch The columns "ExpectedValue\_MIN" and "ExpectedValue\_MAX" should be set as OK in parametrization sheet 9\_TeFu\_ATP\_Sensor}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See OP 9 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_2190</V>

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<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

<VAR />

</LNK>

<LNK>

<V>40\_2192</V>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<F>Yes</F>

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<NFT>No</NFT>

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<TDS />

<VAR />

<CH>9\_TeFu</CH>

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<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>33</bAAI>

<bAEI>33</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_114]</ID>

<N>9\_TeFu - Values for Atemp Raw form TeFu Temperatur menu</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AAI>3</AAI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter TeFu menu"</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Unlock TeFu"</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter Temperature TeFu menu"</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>TeFu\_temperature</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>temprow</AT>

<P>

<a:string>3</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>read\_test\_parameters</C>

<P>

<a:string>Parameterization\_ATP.xlsx</a:string>

<a:string>9\_TeFu\_ATP\_Raw</a:string>

<a:string>by\_cols</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>reverse\_stack\_order</C>

<P>

<a:string>stackOhmValue</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>for\_each</C>

<P>

<a:string>tempOhmValue</a:string>

<a:string>stackOhmValue</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>22</AAI>

<AEI>21</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Set Ohm value to tempOhmValue"</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>tempOhmValue</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester\_input</C>

<AT>temp1</AT>

<P>

<a:string>Write the value from TeFu Temp A-Temp Raw</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"write\_excel\_cell: 9\_TeFu\_ATP\_Raw,temprow,5,temp1"</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

<AEI>17</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"read\_excel\_cell: tempExpected=9\_TeFu\_ATP\_Raw,temprow,4"</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==tempExpected</a:string>

<a:string>3</a:string>

<a:string>dec</a:string>

<a:string>value Nok</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>temprow</AT>

<P>

<a:string>temprow+1</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>fend</C>

<P />

<LN>21</LN>

<ANI>22</ANI>

<AAI>10</AAI>

<AEI>22</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AEI>23</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AEI>25</AEI>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Unit to \'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Press cluster key for more than 10 sec to activate Test Function menu}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Enter Temperature menu A-Temp Raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set resistor/resistance decade according to column "OhmValue" form parameterization sheet 9\_TeFu\_ATP\_Raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Write the values observed in TeFu menu in column ActualValue from the 9\_TeFu\_ATP\_Raw parameterization sheet}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch The values from columns "ActualValue" and "ExpectedValue" are the same in parametrization sheet 9\_TeFu\_ATP\_Raw}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch See OP 9 }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_2190</V>

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<V>40\_2192</V>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>9\_TeFu</CH>

<OBSOLETE>

<OTP>

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<eANI>-1</eANI>

<bAAI>25</bAAI>

<bAEI>25</bAEI>

<eAEI>-2</eAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_115]</ID>

<N>9\_TeFu - Values for Atemp Coolant Temp form TeFu Temperatur menu</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AAI>3</AAI>

<AEI>3</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter TeFu menu"</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Unlock TeFu"</a:string>

</P>

<LN>4</LN>

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<AEI>5</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter Temperature TeFu menu"</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>TeFu\_temperature</a:string>

</P>

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<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>temprow</AT>

<P>

<a:string>3</a:string>

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<LN>7</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>read\_test\_parameters</C>

<P>

<a:string>Parameterization\_ATP.xlsx</a:string>

<a:string>9\_TeFu\_ATP\_Coolant\_Temp</a:string>

<a:string>by\_cols</a:string>

</P>

<LN>8</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>reverse\_stack\_order</C>

<P>

<a:string>stackCoolingValue</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>for\_each</C>

<P>

<a:string>tempCooling</a:string>

<a:string>stackCoolingValue</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>21</AAI>

<AEI>20</AEI>

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<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>tempCooling</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

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<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester\_input</C>

<AT>temp1</AT>

<P>

<a:string>Write the value from TeFu Temp A-Temp Raw</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"write\_excel\_cell: 9\_TeFu\_ATP\_Coolant\_Temp,temprow,4,temp1"</a:string>

</P>

<LN>15</LN>

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<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<AEI>17</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"read\_excel\_cell: tempExpected=9\_TeFu\_ATP\_Coolant\_Temp,temprow,3"</a:string>

</P>

<LN>17</LN>

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<AAI>18</AAI>

<AEI>18</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==tempExpected</a:string>

<a:string>3</a:string>

<a:string>dec</a:string>

<a:string>value Nok</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

<AEI>19</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>temprow</AT>

<P>

<a:string>temprow+1</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>fend</C>

<P />

<LN>20</LN>

<ANI>21</ANI>

<AAI>10</AAI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>22</LN>

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<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AEI>24</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set Unit to \'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Press cluster key for more than 10 sec to activate Test Function menu}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Enter Temperature menu- Coolant Temperature}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set the value for coolant temp (TEMP\_ENG\_DRV) according to column "CoolingValue" form parameterization sheet 9\_TeFu\_ATP\_Coolant\_Temp}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Write the values observed in TeFu menu in column ActualValue from the 9\_TeFu\_ATP\_Coolant\_Temp parameterization sheet}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch The values from columns "ActualValue" and "ExpectedValue" are the same in parametrization sheet 9\_TeFu\_ATP\_Coolant\_Temp }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

<VAR />

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<V>40\_2192</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<V>40\_17279</V>

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<OURL i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<eANI>-1</eANI>

<bAAI>24</bAAI>

<bAEI>24</bAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_116]</ID>

<N>9\_TeFu - Values for Atemp Oil Temp form TeFu Temperatur menu</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AAI>3</AAI>

<AEI>3</AEI>

</LOC>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter TeFu menu"</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Unlock TeFu"</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter Temperature TeFu menu"</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>TeFu\_temperature</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>temprow</AT>

<P>

<a:string>3</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>read\_test\_parameters</C>

<P>

<a:string>Parameterization\_ATP.xlsx</a:string>

<a:string>9\_TeFu\_ATP\_Oil\_Temp</a:string>

<a:string>by\_cols</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>reverse\_stack\_order</C>

<P>

<a:string>stackCoolingValue</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>for\_each</C>

<P>

<a:string>tempCooling</a:string>

<a:string>stackCoolingValue</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>21</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_EOI\_DRV</a:string>

<a:string>tempCooling</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester\_input</C>

<AT>temp1</AT>

<P>

<a:string>Write the value from TeFu Temp A-Temp Raw</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"write\_excel\_cell: 9\_TeFu\_ATP\_Oil\_Temp,temprow,4,temp1"</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"read\_excel\_cell: tempExpected=9\_TeFu\_ATP\_Oil\_Temp,temprow,3"</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==tempExpected</a:string>

<a:string>3</a:string>

<a:string>dec</a:string>

<a:string>value Nok</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>temprow</AT>

<P>

<a:string>temprow+1</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>fend</C>

<P />

<LN>20</LN>

<ANI>21</ANI>

<AAI>10</AAI>

<AEI>21</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>22</LN>

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<AAI>23</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set Unit to \'b0C}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Press cluster key for more than 10 sec to activate Test Function menu}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Enter Temperature menu- Oil Temperature}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set the value for oil temp according to column "OilValue" form parameterization sheet 9\_TeFu\_ATP\_Oil\_Temp}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Write the values observed in TeFu menu in column ActualValue from the 9\_TeFu\_ATP\_Oil\_Temp parameterization sheet}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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}&#xD;

}</EE>

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<V>40\_2190</V>

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_2192</V>

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<F>Yes</F>

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</OTP>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_117]</ID>

<N>9\_TeFu - TeFu - last valid value for Coolant Temperature</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AAI>3</AAI>

<AEI>3</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter TeFu menu"</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Unlock TeFu"</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter Temperature TeFu menu"</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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</P>

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<ANI>7</ANI>

<AEI>7</AEI>

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<C>set\_env</C>

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<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>40</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<C>delay</C>

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<a:string>2000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Coolant temp value displayed is 40?"</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>207</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<C>delay</C>

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<a:string>10000</a:string>

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<LN>11</LN>

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<C>ask\_tester</C>

<P>

<a:string>"Is it true that Coolant temp value displayed is \*?"</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>206</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the latest valid value of Coolant temp is displayed? (lates is 40)"</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>40</a:string>

</P>

<LN>16</LN>

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<AAI>17</AAI>

<AEI>17</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

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<a:string>2000</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

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<C>ask\_tester</C>

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<a:string>"Is it true that Coolant temp value displayed is 40?"</a:string>

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<C>set\_env</C>

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<LN>19</LN>

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<AAI>20</AAI>

<AEI>20</AEI>

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<C>delay</C>

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</P>

<LN>20</LN>

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<AAI>21</AAI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Coolant temp value displayed is \*?"</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>206</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the latest valid value of Coolant temp is displayed? (latest is \*)"</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_ENG\_DRV</a:string>

<a:string>60</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set PRUEFEN state.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Press cluster key for more than 10 sec to activate Test Function menu.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Enter Temperature menu.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set TEMP\_ENG\_DRV = 40 (valid Value).}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set TEMP\_ENG\_DRV = 207 (invalid value).}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait until \* is displayed.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set TEMP\_ENG\_DRV = 206.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set TEMP\_ENG\_DRV = 40.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Set TEMP\_ENG\_DRV = 150 (undetermined value).}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait until \* is displayed.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Set TEMP\_ENG\_DRV = 206.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Coolant temp value displayed is 40}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Coolant temp value displayed is \*}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Latest valid value is displayed 40}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Coolant temp value displayed is 40}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Coolant temp value displayed is \*}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Latest valid value is displayed \*}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_2190</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</DT>

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<NFT>No</NFT>

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<CH>9\_TeFu</CH>

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<bAEI>26</bAEI>

<eAEI>-2</eAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_118]</ID>

<N>9\_TeFu - TeFu - last valid value for Oil Temperature</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>tp</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

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<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AAI>3</AAI>

<AEI>3</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter TeFu menu"</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Unlock TeFu"</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>warn\_tester</C>

<P>

<a:string>"Enter Temperature TeFu menu"</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

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<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>TeFu\_temperature</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_EOI\_DRV</a:string>

<a:string>40</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<C>delay</C>

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<a:string>2000</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Coolant temp value displayed is 40?"</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_EOI\_DRV</a:string>

<a:string>207</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>10000</a:string>

</P>

<LN>11</LN>

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<C>ask\_tester</C>

<P>

<a:string>"Is it true that Coolant temp value displayed is \*?"</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_EOI\_DRV</a:string>

<a:string>206</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>14</LN>

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<AEI>15</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the latest valid value of Coolant temp is displayed? (lates is 40)"</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_EOI\_DRV</a:string>

<a:string>40</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AAI>17</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>17</LN>

<ANI>18</ANI>

<AAI>18</AAI>

<AEI>18</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Coolant temp value displayed is 40?"</a:string>

</P>

<LN>18</LN>

<ANI>19</ANI>

<AAI>19</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_EOI\_DRV</a:string>

<a:string>150</a:string>

</P>

<LN>19</LN>

<ANI>20</ANI>

<AAI>20</AAI>

<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

<AEI>21</AEI>

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<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that Coolant temp value displayed is \*?"</a:string>

</P>

<LN>21</LN>

<ANI>22</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_EOI\_DRV</a:string>

<a:string>206</a:string>

</P>

<LN>22</LN>

<ANI>23</ANI>

<AAI>23</AAI>

<AEI>23</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>23</LN>

<ANI>24</ANI>

<AAI>24</AAI>

<AEI>24</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"Is it true that the latest valid value of Coolant temp is displayed? (latest is \*)"</a:string>

</P>

<LN>24</LN>

<ANI>25</ANI>

<AAI>25</AAI>

<AEI>25</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_3F9\_TEMP\_EOI\_DRV</a:string>

<a:string>90</a:string>

</P>

<LN>25</LN>

<ANI>26</ANI>

<AAI>26</AAI>

<AEI>26</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Press cluster key for more than 10 sec to activate Test Function menu.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Enter Temperature menu.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Set Oil temp value = 40 (valid Value).}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set Oil temp value = 207 (invalid value).}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait until \* is displayed.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set Oil temp value = 206.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set Oil temp value = 40.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Set Oil temp value = 150 (undetermined value).}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Wait until \* is displayed.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Set Oil temp value = 206.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Oil temp value displayed is \*}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Latest valid value is displayed 40}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Oil temp value displayed is 40}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 5. Oil temp value displayed is \*}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 6. Latest valid value is displayed \*}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<V>40\_2190</V>

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<LT>Functional</LT>

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<C i:nil="true" />

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<NFT>No</NFT>

<RSS />

<TDS />

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<bAAI>26</bAAI>

<bAEI>26</bAEI>

<eAEI>-2</eAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_119]</ID>

<N>10\_Speed - Output value for speed in FAHREN state</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>50</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>wVFzgFilt</a:string>

<a:string>2</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse!=0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_speed</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>V\_VEH</a:string>

<a:string>"V\_VEH\_COG"</a:string>

<a:string>dec</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==50</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Speed\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to 50 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine speed to 3000 RPM}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check speed value using RAM variable for wVFzgFilt, size 2}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch The vehicle speed value is sent via CAN in msg. ID 1A1h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_5470</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_5471</V>

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<V>40\_11717</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_17278</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

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<F>Yes</F>

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<NFT>No</NFT>

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<ID>[SSTS\_GEN5CI\_ATP\_120]</ID>

<N>10\_Speed - Output value for speed in PRUEFEN state</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>50</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>wVFzgFilt</a:string>

<a:string>2</a:string>

</P>

<LN>3</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse!=0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_speed</a:string>

</P>

<LN>5</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>6</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>V\_VEH</a:string>

<a:string>"V\_VEH\_COG"</a:string>

<a:string>dec</a:string>

</P>

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<C>check\_if</C>

<P>

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<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Speed\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to 50 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine speed to 3000 RPM}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check speed value using RAM variable for wVFzgFilt}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch The vehicle speed value is sent via CAN in msg. ID 1A1h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

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<C i:nil="true" />

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<V>40\_5471</V>

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<LT>Functional</LT>

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<V>40\_11717</V>

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<V>40\_17278</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<NFT>No</NFT>

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<TDS />

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<CH>10\_Speed</CH>

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<bAAI>10</bAAI>

<bAEI>10</bAEI>

<eAEI>-2</eAEI>

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<ID>[SSTS\_GEN5CI\_ATP\_121]</ID>

<N>10\_Speed - Output value for speed in PRUEFEN-OFF state</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio2</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>50</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>wVFzgFilt</a:string>

<a:string>2</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse!=0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_speed</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

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<C>call\_macro</C>

<P>

<a:string>SetState\_WOHNEN</a:string>

</P>

<LN>7</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>500</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>wVFzgFilt</a:string>

<a:string>2</a:string>

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<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

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<LN>10</LN>

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<P>

<a:string>tempResponse==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_speed</a:string>

</P>

<LN>11</LN>

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<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>12</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>V\_VEH</a:string>

<a:string>"V\_VEH\_COG"</a:string>

<a:string>dec</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

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<C>check\_if</C>

<P>

<a:string>temp1==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Speed\_value\_nok\_on\_CAN</a:string>

</P>

<LN>14</LN>

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<a:string>SetState\_STAND</a:string>

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<C>delay</C>

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<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>wVFzgFilt</a:string>

<a:string>2</a:string>

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<AT>tempResponse</AT>

<P>

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<LN>18</LN>

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<C>check\_if</C>

<P>

<a:string>tempResponse==0</a:string>

<a:string>0</a:string>

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<AT>temp1</AT>

<P>

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<a:string>dec</a:string>

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<a:string>dec</a:string>

<a:string>Speed\_value\_nok\_on\_CAN</a:string>

</P>

<LN>22</LN>

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<C>call\_macro</C>

<AT>tempResponse</AT>

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<a:string>wVFzgFilt</a:string>

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<a:string>0</a:string>

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</P>

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<LN>28</LN>

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<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>V\_VEH</a:string>

<a:string>"V\_VEH\_COG"</a:string>

<a:string>dec</a:string>

</P>

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<C>check\_if</C>

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<a:string>temp1==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Speed\_value\_nok\_on\_CAN</a:string>

</P>

<LN>30</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

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<LN>31</LN>

<ANI>32</ANI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to 50 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine speed to 3000 RPM}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check speed value using RAM variable for wVFzgFilt}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Set WOHNEN state and check speed value using RAM variable for wVFzgFilt}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Set STAND state and check speed value using RAM variable for wVFzgFilt}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Set PARKEN state and check speed value using RAM variable for wVFzgFilt}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Speed value is 0 (variable for wVFzgFilt = 0)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch The vehicle speed value is sent via CAN in msg. ID 1A1h (value 0)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 3. Speed value is 0 (variable for wVFzgFilt = 0)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch The vehicle speed value is sent via CAN in msg. ID 1A1h (value 0)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 4. Speed value is 0 (variable for wVFzgFilt = 0)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch The vehicle speed value is sent via CAN in msg. ID 1A1h (value 0)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OEMID i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

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<C i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

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<F>Yes</F>

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<NFT>No</NFT>

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<ID>[SSTS\_GEN5CI\_ATP\_122]</ID>

<N>10\_Speed - Output value for speed after reset</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>50</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>wVFzgFilt</a:string>

<a:string>2</a:string>

</P>

<LN>3</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse!=0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_speed</a:string>

</P>

<LN>5</LN>

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<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>6</LN>

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<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>V\_VEH</a:string>

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<a:string>dec</a:string>

</P>

<LN>7</LN>

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<P>

<a:string>temp1==50</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Speed\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

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<a:string>SW\_Reset</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>wVFzgFilt</a:string>

<a:string>2</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

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<C>check\_if</C>

<P>

<a:string>tempResponse==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_speed</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

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<C>toggle\_env</C>

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<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

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<LN>13</LN>

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<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>V\_VEH</a:string>

<a:string>"V\_VEH\_COG"</a:string>

<a:string>dec</a:string>

</P>

<LN>14</LN>

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<C>check\_if</C>

<P>

<a:string>temp1==50</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Speed\_value\_nok\_on\_CAN</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

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<AEI>17</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set car speed to 50 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine speed to 3000 RPM}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check speed value using RAM variable for wVFzgFilt}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform a reset using diag job 11 01}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check speed value using RAM variable for wVFzgFilt}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 {\ltrch 2. Speed value is 0 (variable for wVFzgFilt = 0)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch The vehicle speed value is sent via CAN in msg. ID 1A1h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<S>CHK</S>

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<LT>Functional</LT>

<F>Yes</F>

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<V>40\_5471</V>

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<V>40\_11717</V>

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<S>CHK</S>

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<LT>Functional</LT>

<F>Yes</F>

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<V>40\_17278</V>

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>10\_Speed</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>17</bAAI>

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<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_123]</ID>

<N>10\_Speed - Output value for speed after vehicle stops</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Running</a:string>

<a:string>50</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>wVFzgFilt</a:string>

<a:string>2</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

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<P>

<a:string>tempResponse!=0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_speed</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>V\_VEH</a:string>

<a:string>"V\_VEH\_COG"</a:string>

<a:string>dec</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==50</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Speed\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>9</AAI>

<AEI>9</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Car\_Stopped</a:string>

</P>

<LN>9</LN>

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<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>wVFzgFilt</a:string>

<a:string>2</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<C>check\_if</C>

<P>

<a:string>tempResponse==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_speed</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>V\_VEH</a:string>

<a:string>"V\_VEH\_COG"</a:string>

<a:string>dec</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==50</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Speed\_value\_nok\_on\_CAN</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set vehicle speed to 50 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine speed to 3000 RPM}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check speed value using RAM variable for wVFzgFilt}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Decrease vehicle speed near to threshold of 0 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check speed value using RAM variable for wVFzgFilt}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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{\f2 {\ltrch 2. Speed value is 0 (variable for wVFzgFilt = 0)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch The vehicle speed value is sent via CAN in msg. ID 1A1h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<LT>Functional</LT>

<F>Yes</F>

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<V>40\_5471</V>

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<LT>Functional</LT>

<F>Yes</F>

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<V>40\_17278</V>

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<NFT>No</NFT>

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<TDS />

<VAR />

<CH>10\_Speed</CH>

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<eANI>-1</eANI>

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<ID>[SSTS\_GEN5CI\_ATP\_124]</ID>

<N>10\_Speed - Output value for speed when incoming speed value is invalid</N>

<TSs>

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<a:string>Prio1</a:string>

<a:string>auto</a:string>

<a:string>positive</a:string>

</TSs>

<Ts>

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<ID>1</ID>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_FAHREN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>Car\_Running</a:string>

<a:string>50</a:string>

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<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>wVFzgFilt</a:string>

<a:string>2</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AEI>4</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

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<LN>4</LN>

<ANI>5</ANI>

<AAI>5</AAI>

<AEI>5</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>tempResponse!=0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_speed</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>6</LN>

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<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>V\_VEH</a:string>

<a:string>"V\_VEH\_COG"</a:string>

<a:string>dec</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

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<C>check\_if</C>

<P>

<a:string>temp1==50</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Speed\_value\_nok\_on\_CAN</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

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<a:string>401</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<AT>tempResponse</AT>

<P>

<a:string>Get\_RAMSymbol\_Value</a:string>

<a:string>wVFzgFilt</a:string>

<a:string>2</a:string>

</P>

<LN>10</LN>

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<AEI>11</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ssb\_to\_decimal</C>

<AT>tempResponse</AT>

<P>

<a:string>tempResponse</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<LOC>

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<C>check\_if</C>

<P>

<a:string>tempResponse==0</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>wrong\_speed</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>toggle\_env</C>

<P>

<a:string>ev\_diagCmd\_general\_cmd\_clear</a:string>

<a:string>1000</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AAI>14</AAI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>get\_signal</C>

<AT>temp1</AT>

<P>

<a:string>V\_VEH</a:string>

<a:string>"V\_VEH\_COG"</a:string>

<a:string>dec</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>check\_if</C>

<P>

<a:string>temp1==50</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

<a:string>Speed\_value\_nok\_on\_CAN</a:string>

</P>

<LN>15</LN>

<ANI>16</ANI>

<AAI>16</AAI>

<AEI>16</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Car\_Stopped</a:string>

</P>

<LN>16</LN>

<ANI>17</ANI>

<AEI>17</AEI>

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</LOCs>

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</Ts>

<DO>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Testing that output value for speed is 0 when speed value is invalid}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DO>

<DI>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch Set FAHREN state}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine running}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set vehicle speed to 50 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set engine speed to 3000 RPM}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 1. Check speed value using RAM variable for wVFzgFilt}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set vehicle speed to invalid value 401 km/h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Check speed value using RAM variable for wVFzgFilt}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch 1. Speed value is different than 0 (variable for wVFzgFilt &lt;&gt; 0)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch 2. Speed value is 0 (variable for wVFzgFilt = 0)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch The vehicle speed value is sent via CAN in msg. ID 1A1h}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<V>40\_5470</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

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<LNK>

<V>40\_5471</V>

<DURL i:nil="true" />

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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<V>40\_11717</V>

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<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

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<V>40\_17278</V>

<DURL i:nil="true" />

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<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>10\_Speed</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>17</bAAI>

<bAEI>17</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_197]</ID>

<N>11\_StressTest - Atemp display behavior after several clamp changes</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>stress</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCounter</AT>

<P>

<a:string>0</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AAI>7</AAI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>while</C>

<P>

<a:string>tempCounter&lt;=900</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Clamp\_switch</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AEI>9</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>1700</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AAI>10</AAI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>save\_setting</C>

<AT>tempCounter</AT>

<P>

<a:string>tempCounter+1</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AAI>11</AAI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>wend</C>

<P />

<LN>11</LN>

<ANI>12</ANI>

<AAI>7</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"After several clamp changes Atemp has a normal behavior no flicker, no pixel error or cutting text were noticed?"</a:string>

</P>

<LN>12</LN>

<ANI>13</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

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</Ts>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform several clamp changes from Parken to Fahren through all clamp states for 30 minutes.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check cluster display}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch After several clamp changes Atemp has a normal behavior no flicker, no pixel error or cutting text were noticed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

<DT>

<LNK>

<V>40\_13224</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>11\_StressTest</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>13</bAAI>

<bAEI>13</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

</TC>

<TC>

<ID>[SSTS\_GEN5CI\_ATP\_198]</ID>

<N>11\_StressTest - Atemp display behavior after several sleep-wakeup cycles</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>stress</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

<LN>2</LN>

<ANI>3</ANI>

<AEI>3</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>3</LN>

<ANI>4</ANI>

<AAI>4</AAI>

<AEI>4</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>4</LN>

<ANI>5</ANI>

<AEI>5</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

<AEI>6</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PARKEN</a:string>

</P>

<LN>6</LN>

<ANI>7</ANI>

<AEI>7</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCounter</AT>

<P>

<a:string>0</a:string>

</P>

<LN>7</LN>

<ANI>8</ANI>

<AAI>8</AAI>

<AEI>8</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>while</C>

<P>

<a:string>tempCounter&lt;300</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

</P>

<LN>8</LN>

<ANI>9</ANI>

<AAI>13</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Sleep</a:string>

</P>

<LN>9</LN>

<ANI>10</ANI>

<AEI>10</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>WakeUp</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

<AEI>11</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCounter</AT>

<P>

<a:string>tempCounter+1</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>wend</C>

<P />

<LN>12</LN>

<ANI>13</ANI>

<AAI>8</AAI>

<AEI>13</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>13</LN>

<ANI>14</ANI>

<AEI>14</AEI>

</LOC>

<LOC>

<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"After several sleep - wake-up cycle Atemp has a normal behavior no flicker, no pixel error or cutting text were noticed?"</a:string>

</P>

<LN>14</LN>

<ANI>15</ANI>

<AAI>15</AAI>

<AEI>15</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform several sleep - wake-up cycles for 30 minutes.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check cluster display.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

<EE>{\rtf1\ansi\ansicpg1252\uc1\htmautsp\deff2{\fonttbl{\f0\fcharset0 Times New Roman;}{\f2\fcharset0 Segoe UI;}}{\colortbl\red0\green0\blue0;\red255\green255\blue255;}\loch\hich\dbch\pard\plain\ltrpar\itap0{\lang1033\fs18\f2\cf0 \cf0\ql{\f2 {\ltrch After several sleep - wake-up cycle Atemp has a normal behavior no flicker, no pixel error or cutting text were noticed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<LNK>

<V>40\_13224</V>

<DURL i:nil="true" />

<OURL i:nil="true" />

<OEMID i:nil="true" />

<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

</LNK>

</DT>

<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

<CH>11\_StressTest</CH>

<OBSOLETE>

<OTP>

<bANI>1</bANI>

<eANI>-1</eANI>

<bAAI>15</bAAI>

<bAEI>15</bAEI>

<eAEI>-2</eAEI>

</OTP>

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<TC>

<ID>[SSTS\_GEN5CI\_ATP\_199]</ID>

<N>11\_StressTest - Atemp display behavior after several resets</N>

<TSs>

<a:string>GEN5\_HIGH</a:string>

<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>stress</a:string>

</TSs>

<Ts>

<T>

<ID>1</ID>

<LOCs>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

<AEI>2</AEI>

</LOC>

<LOC>

<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>4</LN>

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<C>delay</C>

<P>

<a:string>2000</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

<AAI>6</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCounter</AT>

<P>

<a:string>0</a:string>

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<C>while</C>

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<a:string>tempCounter&lt;600</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

</P>

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<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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<a:string>SW\_Reset</a:string>

</P>

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<C>delay</C>

<P>

<a:string>500</a:string>

</P>

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<AEI>10</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCounter</AT>

<P>

<a:string>tempCounter+1</a:string>

</P>

<LN>10</LN>

<ANI>11</ANI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>wend</C>

<P />

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"After several resets Atemp has a normal behavior no flicker, no pixel error or cutting text were noticed?"</a:string>

</P>

<LN>12</LN>

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<AAI>13</AAI>

<AEI>13</AEI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform several resets (SW and HW) for 30 minutes.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check cluster display.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</EE>

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<OURL i:nil="true" />

<OEMID i:nil="true" />

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<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

<VAR />

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<FSM>nonFS</FSM>

<NFT>No</NFT>

<RSS />

<TDS />

<VAR />

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<OBSOLETE>

<OTP>

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<eANI>-1</eANI>

<bAAI>13</bAAI>

<bAEI>13</bAEI>

<eAEI>-2</eAEI>

</OTP>

</OBSOLETE>

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<ID>[SSTS\_GEN5CI\_ATP\_200]</ID>

<N>11\_StressTest - Atemp display behavior after several modifications for Atemp elements</N>

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<a:string>Prio3</a:string>

<a:string>tp</a:string>

<a:string>stress</a:string>

</TSs>

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<C>call\_macro</C>

<P>

<a:string>SetState\_PRUEFEN</a:string>

</P>

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<C>call\_macro</C>

<P>

<a:string>CODE</a:string>

<a:string>ATEMP\_SIGNAL\_QUELLE</a:string>

<a:string>00</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>5000</a:string>

</P>

<LN>3</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>4</LN>

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<C>delay</C>

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<a:string>2000</a:string>

</P>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCounter</AT>

<P>

<a:string>0</a:string>

</P>

<LN>6</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>while</C>

<P>

<a:string>tempCounter&lt;8200</a:string>

<a:string>0</a:string>

<a:string>dec</a:string>

</P>

<CO>57600s in 16h, 7s per loop-&gt; 8228 loops for 16h</CO>

<LN>7</LN>

<ANI>8</ANI>

<AAI>22</AAI>

<AEI>22</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>R1</a:string>

<a:string>9945</a:string>

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<AAI>9</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>9</LN>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

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<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>1</a:string>

</P>

<LN>11</LN>

<ANI>12</ANI>

<AAI>12</AAI>

<AEI>12</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>16000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

<P>

<a:string>Update\_ATemp</a:string>

</P>

<LN>13</LN>

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<AEI>14</AEI>

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<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>14</LN>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

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<a:string>E\_291\_OP\_UN\_TEMP</a:string>

<a:string>2</a:string>

</P>

<LN>15</LN>

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<AAI>16</AAI>

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<a:string>R1</a:string>

<a:string>5000</a:string>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>call\_macro</C>

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</P>

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<C>delay</C>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>set\_env</C>

<P>

<a:string>E\_291\_OP\_UN\_TEMP</a:string>

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</P>

<LN>19</LN>

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<AEI>20</AEI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>assign</C>

<AT>tempCounter</AT>

<P>

<a:string>tempCounter+1</a:string>

</P>

<LN>20</LN>

<ANI>21</ANI>

<AAI>21</AAI>

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<SC>sys,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>wend</C>

<P />

<LN>21</LN>

<ANI>22</ANI>

<AAI>7</AAI>

<AEI>22</AEI>

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<SC>no\_vision,USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:USE\_FOR:GEN5\_HIGH</SC>

<C>ask\_tester</C>

<P>

<a:string>"After several resets Atemp has a normal behavior no flicker, no pixel error or cutting text were noticed?"</a:string>

</P>

<LN>22</LN>

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<AAI>23</AAI>

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}&#xD;

}</DO>

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{\f2 {\ltrch Code ATEMP\_SIGNAL\_QUELLE to 0}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Set Atemp value to 25\'b0C (set 5000 ohm using a resistance decade)}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform several modifications for ATP elements (value, format:12h/24h, unit). }\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Perform test overnight.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch Check cluster display.}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

}</DI>

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{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 {\ltrch No flicker, no pixel error or cutting text were noticed}\li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

{\f2 \li0\ri0\sa0\sb0\fi0\ql\par}&#xD;

}&#xD;

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<S>CHK</S>

<RDT>SWReqSpec</RDT>

<LT>Functional</LT>

<F>Yes</F>

<RFD i:nil="true" />

<C i:nil="true" />

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</DT>

<FSM>nonFS</FSM>

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<a:string>test</a:string>

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<SC>sys</SC>

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<a:string>GEN5\_BASIS</a:string>

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<SC>sys</SC>

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<SC>sys</SC>

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<AEI>8</AEI>

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<SC>sys</SC>

<C>undefine\_condition</C>

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<a:string>all</a:string>

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<TDS />

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<N>Update\_ATemp</N>

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<SC>sys</SC>

<C>set\_env</C>

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<a:string>ev\_diagCmd\_general\_cmd\_txData</a:string>

<a:string>31 01 F0 13</a:string>

</P>

<LN>1</LN>

<ANI>2</ANI>

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<C>toggle\_env</C>

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<a:string>ev\_diagCmd\_memory\_rw\_sym\_read</a:string>

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</LOC>

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<SC>sys</SC>

<C>delay</C>

<P>

<a:string>500</a:string>

</P>

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<ANI>4</ANI>

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<AEI>4</AEI>

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<SC>sys</SC>

<C>toggle\_env</C>

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<a:string>ev\_diagCmd\_general\_cmd\_send</a:string>

<a:string>500</a:string>

</P>

<LN>4</LN>

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<SC>sys</SC>

<C>delay</C>

<P>

<a:string>1000</a:string>

</P>

<LN>5</LN>

<ANI>6</ANI>

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<AEI>6</AEI>

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<LOC>

<SC>sys</SC>

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<A>Munteanu, Mihai-Alin (uia99339) (uia99339)</A>

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