

# EXAM Testreport

**Starttime** 16:30:56 19. August 2013

**Title** General tests

**Project** RPP tests

**Department** ČVUT FEL

**Subject** 5769

**Operator**

**Phone**

**Mail** hubnepa1@fel.cvut.cz

**Comment**

**RPP\_2013-08-19\_\_16-30-56\_SN\_5769**

test-statistic on 18 evaluated tests(s)		
pass	open	fail
8	0	0

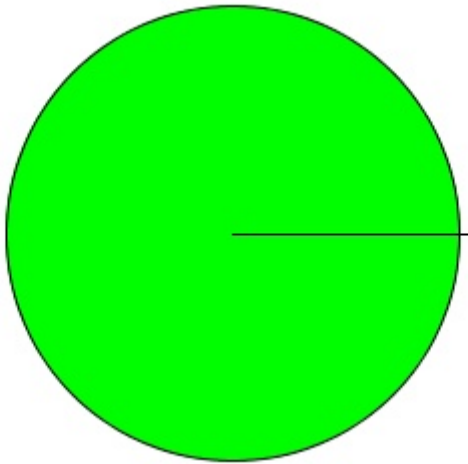
## 1. General-Data

(default)	
mail	hubnepa1@fel.cvut.cz
project	RPP tests
title	General tests
subject	5769
department	ČVUT FEL
CodeSync	
Date of last code synchronization	2013-08-19 16:26:39
SystemConfigurations	
RPPTTest.EnvironmentConfig	
Versions	
Environment	
Modules	
de.exam.testrunner.modules.core	3.1.5
de.tracetrone.exam.tracecheck	2.0.0.201202231635
Python	
Python	2.5.4 (r254:67916, Dec 23 2008, 15:10:54) [MSC v.1310 32 bit (Intel)]
Tools	
EXAM	3.1.6 BuildID: M_20120928 191048
Description	

## 2. Statistic-Data

number of executed tests:	18
number of tests without script-errors:	18
number of tests with detected script-errors:	0
number of executed administrativeCases:	10
number of executed testCases:	8
number of inactive testCases:	0
complete test-time:	00:00:01:03

■ pass: 8 tests = 100.00%  
■ open: 0 tests = 0.00%



fail: 0 tests = 0.00%

### 3. Overview-Data

<a href="#">4.1 Group - initialization</a>	INFO	
<a href="#">4.1.1 Test - initialization</a>	INFO	---
<a href="#">4.2 Group - LOUT</a>	PASS	
<a href="#">4.2.1 Test - initLOUT</a>	INFO	---
<a href="#">4.2.2 Test - LOUT</a>	PASS	---
<a href="#">4.3 Group - MOUT</a>	PASS	
<a href="#">4.3.1 Test - initMOUT</a>	INFO	---
<a href="#">4.3.2 Test - MOUT</a>	PASS	---
<a href="#">4.4 Group - HOUT</a>	PASS	
<a href="#">4.4.1 Test - initHOUT</a>	INFO	---
<a href="#">4.4.2 Test - HOUT</a>	PASS	---
<a href="#">4.5 Group - HBR</a>	PASS	
<a href="#">4.5.1 Test - initHBR</a>	INFO	---
<a href="#">4.5.2 Test - HBR</a>	PASS	---
<a href="#">4.6 Group - ADIN</a>	PASS	
<a href="#">4.6.1 Test - initADIN</a>	INFO	---
<a href="#">4.6.2 Test - ADIN</a>	PASS	---
<a href="#">4.7 Group - DIN0to7</a>	PASS	
<a href="#">4.7.1 Test - initDIN0to7</a>	INFO	---
<a href="#">4.7.2 Test - DIN0to7</a>	PASS	---
<a href="#">4.8 Group - DIN8to15</a>	PASS	
<a href="#">4.8.1 Test - initDIN8to15</a>	INFO	---
<a href="#">4.8.2 Test - DIN8to15</a>	PASS	---
<a href="#">4.9 Group - DAC</a>	PASS	
<a href="#">4.9.1 Test - initDAC</a>	INFO	---

<a href="#">4.9.2 Test - DAC</a>	PASS	---
<a href="#">4.10 Group - deInitialization</a>	INFO	
<a href="#">4.10.1 Test - deInitialization</a>	INFO	---

## 4. Testresult-Data

### 4.1 Group - initialization

Group -Valuation	INFO
Group -Start-/Execution-Time	2013-08-19 16:30:56 / 00:00:00:00
Group -Description	Initializes the test suite (starts TCP server and open channel for communication over RS232).

#### 4.1.1 Test - initialization

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO
Test -Start-/Execution-Time	2013-08-19 16:30:56 / 00:00:00:00
Test -Description	This test case open channel for communication over RS232 and over TCP. RS232 parameters: COM3, baudrate: 115200, parity: none, stopbits: 1, databits: 8, buffersize: 1024, timeout: 20 TCP parameters: IP address: localhost, port: 8890

#### 4.1.1 initialization -- Metadata

(default)	
duration	--:--:--

#### 4.1.1 initialization -- Run

Test flow -- RPPTTest.basics.initialization
This test case open channel for communication over RS232 and over TCP. RS232 parameters: COM3, baudrate: 115200, parity: none, stopbits: 1, databits: 8, buffersize: 1024, timeout: 20 TCP parameters: IP address: localhost, port: 8890

### 4.2 Group - LOUT

Group -Valuation	PASS
Group -Start-/Execution-Time	2013-08-19 16:30:57 / 00:00:00:05
Group -Description	TestGroup
TestGroup	

#### 4.2.1 Test - initLOUT

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO
Test -Start-/Execution-Time	2013-08-19 16:30:57 / 00:00:00:00
Test -Description	
Administrative testcase initLOUT calls init function and sets the range of tested pins.	

#### 4.2.1 initLOUT -- Metadata

(default)	
duration	--:--:--

#### 4.2.1 initLOUT -- Run

Test flow -- RPPTTest.pins.LOUT.testCases.initLOUT
Administrative testcase initLOUT calls init function and sets the range of tested pins.

#### 4.2.2 Test - LOUT

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	PASS
Test -Start-/Execution-Time	2013-08-19 16:30:57 / 00:00:00:05
Test -Description	
LOUT testcase: RPP board generates digital signals measured by hummusoft card (digital in).	

#### 4.2.2 LOUT -- Metadata

(default)	
version	
shadowTestCaseState	not yet specified
testCaseStateComment	
testCaseState	not yet specified
testCaseId	13a0d6e44057ae5b014058457fc500e8
implementationPriority	low
functionalRequirement	
duration	--:--:--
riskEvaluation	latent

#### 4.2.2 LOUT -- Run

Test flow -- RPPTTest.pins.LOUT.testCases.LOUT
LOUT testcase: RPP board generates digital signals measured by hummusoft card (digital in).
Test flow -- RPPTTest.pins.LOUT.testSequences.setLogValue
This sequence sets logical values to the LOUT pin.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverTCP
This sequence reads the LOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTTest.pins.LOUT.testSequences.setLogValue
This sequence sets logical values to the LOUT pin.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverTCP
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This sequence sets logical values to the LOUT pin.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.

Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverTCP
This sequence reads the LOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTTest.pins.LOUT.testSequences.setLogValue
This sequence sets logical values to the LOUT pin.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverTCP
This sequence reads the LOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTTest.pins.LOUT.testSequences.setLogValue
This sequence sets logical values to the LOUT pin.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverRS232
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Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverTCP
This sequence reads the LOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTTest.pins.LOUT.testSequences.setLogValue
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Test flow -- RPPTTest.pins.LOUT.testSequences.setLogValue
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Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverTCP
This sequence reads the LOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTTest.pins.LOUT.testSequences.setLogValue
This sequence sets logical values to the LOUT pin.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverTCP
This sequence reads the LOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTTest.pins.LOUT.testSequences.setLogValue
This sequence sets logical values to the LOUT pin.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverTCP
This sequence reads the LOUT periphery by hummusoft cards (digital in).

#### 4.2.2 LOUT -- Subtest

LOUT1
-------



Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
LOUT1set	0	0	logical	PASS	Set logical value over RS232.
LOUT1 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
LOUT1 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
LOUT1set	1	1	logical	PASS	Set logical value over RS232.
LOUT1 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
LOUT1 check [TCP]	1	1	logical	PASS	Check logical value over TCP.

## LOUT2

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
LOUT2set	0	0	logical	PASS	Set logical value over RS232.
LOUT2 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
LOUT2 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
LOUT2set	1	1	logical	PASS	Set logical value over RS232.
LOUT2 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
LOUT2 check [TCP]	1	1	logical	PASS	Check logical value over TCP.

## LOUT3

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
LOUT3set	0	0	logical	PASS	Set logical value over RS232.
LOUT3 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
LOUT3 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
LOUT3set	1	1	logical	PASS	Set logical value over RS232.
LOUT3 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
LOUT3 check [TCP]	1	1	logical	PASS	Check logical value over TCP.

## LOUT4

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
LOUT4set	0	0	logical	PASS	Set logical value over RS232.
LOUT4 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
LOUT4 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
LOUT4set	1	1	logical	PASS	Set logical value over RS232.
LOUT4 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
LOUT4 check [TCP]	1	1	logical	PASS	Check logical value over TCP.

## LOUT5

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
LOUT5set	0	0	logical	PASS	Set logical value over RS232.
LOUT5 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
LOUT5 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
LOUT5set	1	1	logical	PASS	Set logical value over RS232.
LOUT5 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
LOUT5 check [TCP]	1	1	logical	PASS	Check logical value over TCP.

#### LOUT6

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
LOUT6set	0	0	logical	PASS	Set logical value over RS232.
LOUT6 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
LOUT6 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
LOUT6set	1	1	logical	PASS	Set logical value over RS232.
LOUT6 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
LOUT6 check [TCP]	1	1	logical	PASS	Check logical value over TCP.

#### LOUT7

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
LOUT7set	0	0	logical	PASS	Set logical value over RS232.
LOUT7 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
LOUT7 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
LOUT7set	1	1	logical	PASS	Set logical value over RS232.
LOUT7 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
LOUT7 check [TCP]	1	1	logical	PASS	Check logical value over TCP.

#### LOUT8

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
LOUT8set	0	0	logical	PASS	Set logical value over RS232.
LOUT8 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
LOUT8 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
LOUT8set	1	1	logical	PASS	Set logical value over RS232.
LOUT8 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
LOUT8 check [TCP]	1	1	logical	PASS	Check logical value over TCP.

### 4.3 Group - MOUT

Group -Valuation	PASS
Group -Start-/Execution-Time	2013-08-19 16:31:02 / 00:00:00:05
Group -Description	

TestGroup

TestGroup

### 4.3.1 Test - initMOUT

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO
Test -Start-/Execution-Time	2013-08-19 16:31:02 / 00:00:00:00
Test -Description	
Administrative testcase initMOUT calls init function and sets the range of tested pins.	

### 4.3.1 initMOUT -- Metadata

(default)	
duration	--:--:--

### 4.3.1 initMOUT -- Run

Test flow -- RPPTTest.pins.MOUT.testCases.initMOUT
Administrative testcase initMOUT calls init function and sets the range of tested pins.

### 4.3.2 Test - MOUT

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	PASS
Test -Start-/Execution-Time	2013-08-19 16:31:02 / 00:00:00:05
Test -Description	
LOUT testcase: RPP board generates digital signals measured by hummusoft card (digital in).	

### 4.3.2 MOUT -- Metadata

(default)	
version	
shadowTestCaseState	not yet specified
testCaseStateComment	
testCaseState	not yet specified
testCaseId	13a0d6e44062016501406216b09c00b1
implementationPriority	low
functionalRequirement	
duration	--:--:--
riskEvaluation	latent

### 4.3.2 MOUT -- Run

Test flow -- RPPTTest.pins.MOUT.testCases.MOUT
LOUT testcase: RPP board generates digital signals measured by hummusoft card (digital in).
Test flow -- RPPTTest.pins.MOUT.testSequences.setLogValue
This sequence sets logical values to the MOUT pin.
Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverTCP
This sequence reads the MOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTTest.pins.MOUT.testSequences.setLogValue
This sequence sets logical values to the MOUT pin.
Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverRS232
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This sequence sets logical values to the MOUT pin.
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This sequence checks if the logical value is set.
Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverTCP
This sequence reads the MOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTTest.pins.MOUT.testSequences.setLogValue
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Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverTCP
This sequence reads the MOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTTest.pins.MOUT.testSequences.setLogValue
This sequence sets logical values to the MOUT pin.
Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverTCP
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Test flow -- RPPTTest.pins.MOUT.testSequences.setLogValue
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Test flow -- RPPTTest.pins.MOUT.testSequences.setLogValue
This sequence sets logical values to the MOUT pin.
Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverTCP
This sequence reads the MOUT periphery by hummusoft cards (digital in).

#### 4.3.2 MOUT -- Subtest

MOUT1					
Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
MOUT1set	0	0	logical	PASS	Set logical value over RS232.
MOUT1 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
MOUT1 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
MOUT1set	1	1	logical	PASS	Set logical value over RS232.
MOUT1 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
MOUT1 check [TCP]	1	1	logical	PASS	Check logical value over TCP.
MOUT2					
Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
MOUT2set	0	0	logical	PASS	Set logical value over RS232.
MOUT2 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
MOUT2 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
MOUT2set	1	1	logical	PASS	Set logical value over RS232.
MOUT2 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
MOUT2 check [TCP]	1	1	logical	PASS	Check logical value over TCP.
MOUT3					
Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
MOUT3set	0	0	logical	PASS	Set logical value over RS232.
MOUT3 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
MOUT3 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
MOUT3set	1	1	logical	PASS	Set logical value over RS232.
MOUT3 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
MOUT3 check [TCP]	1	1	logical	PASS	Check logical value over TCP.
MOUT4					

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
MOUT4set	0	0	logical	PASS	Set logical value over RS232.
MOUT4 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
MOUT4 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
MOUT4set	1	1	logical	PASS	Set logical value over RS232.
MOUT4 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
MOUT4 check [TCP]	1	1	logical	PASS	Check logical value over TCP.

#### MOUT5

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
MOUT5set	0	0	logical	PASS	Set logical value over RS232.
MOUT5 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
MOUT5 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
MOUT5set	1	1	logical	PASS	Set logical value over RS232.
MOUT5 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
MOUT5 check [TCP]	1	1	logical	PASS	Check logical value over TCP.

#### MOUT6

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
MOUT6set	0	0	logical	PASS	Set logical value over RS232.
MOUT6 check [RS232]	0	0	logical	PASS	Check logical value over RS232.
MOUT6 check [TCP]	0	0	logical	PASS	Check logical value over TCP.
MOUT6set	1	1	logical	PASS	Set logical value over RS232.
MOUT6 check [RS232]	1	1	logical	PASS	Check logical value over RS232.
MOUT6 check [TCP]	1	1	logical	PASS	Check logical value over TCP.

### 4.4 Group - HOUT

Group -Valuation	PASS
Group -Start-/Execution-Time	2013-08-19 16:31:07 / 00:00:00:17
Group -Description	
TestGroup	
TestGroup	

#### 4.4.1 Test - initHOUT

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO
Test -Start-/Execution-Time	2013-08-19 16:31:07 / 00:00:00:00
Test -Description	
Administrative testcase initHOUT calls init function and sets the range of tested pins.	

#### 4.4.1 initHOUT -- Metadata

(default)	
duration	--:--:--

#### 4.4.1 initHOUT -- Run

Test flow -- RPPTest.pins.HOUT.testCases.initHOUT
Administrative testcase initHOUT calls init function and sets the range of tested pins.

#### 4.4.2 Test - HOUT

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	PASS
Test -Start-/Execution-Time	2013-08-19 16:31:07 / 00:00:00:17
Test -Description	
HOUT testcase: RPP board generates various periods and duty cycles and hummusoft card (analog in) measured the size of voltage.	



#### 4.4.2 HOUT -- Metadata

(default)	
version	
shadowTestCaseState	not yet specified
testCaseStateComment	
testCaseState	not yet specified
testCaseId	13a0d6e4407161c4014071deaa7a01fa
implementationPriority	low
functionalRequirement	
duration	--:--:--
riskEvaluation	latent

#### 4.4.2 HOUT -- Run

Test flow -- RPPTTest.pins.HOUT.testCases.HOUT
HOUT testcase: RPP board generates various periods and duty cycles and hummusoft card (analog in) measured the size of voltage.
Test flow -- RPPTTest.pins.HOUT.testSequences.startPWM
This sequence starts generating of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
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This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.

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This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
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Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.

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Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.stopPWM
This sequence stops generating of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.startPWM
This sequence starts generating of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
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This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.

[illegible]

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This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
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This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.stopPWM
This sequence stops generating of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.startPWM
This sequence starts generating of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
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[illegible]



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This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.

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Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
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Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.stopPWM
This sequence stops generating of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.startPWM
This sequence starts generating of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.

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[illegible]

This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
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Test flow -- RPPTTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTTest.pins.HOUT.testSequences.stopPWM
This sequence stops generating of PWM.

#### 4.4.2 HOUT -- Subtest

HOUT connected.					
HOUT1 start					
Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT1 start	[1, 1]	[1, 1]	logical	PASS	Houtpwm and houtstartpwm command.
HOUT - period: 1000 us, tolerance: 1500 mV.					

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT1[5%] check	527	420	mV	PASS	Checked over TCP.
HOUT1[15%] check	1826	1260	mV	PASS	Checked over TCP.
HOUT1[25%] check	2128	2100	mV	PASS	Checked over TCP.
HOUT1[35%] check	3583	2940	mV	PASS	Checked over TCP.
HOUT1[45%] check	4448	3780	mV	PASS	Checked over TCP.
HOUT1[55%] check	5771	4620	mV	PASS	Checked over TCP.
HOUT1[65%] check	6464	5460	mV	PASS	Checked over TCP.
HOUT1[75%] check	7221	6300	mV	PASS	Checked over TCP.
HOUT1[85%] check	6586	7140	mV	PASS	Checked over TCP.
HOUT1[95%] check	8071	7980	mV	PASS	Checked over TCP.

HOUT - period: 400 us, tolerance: 500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT1[5%] check	478	420	mV	PASS	Checked over TCP.
HOUT1[15%] check	1318	1260	mV	PASS	Checked over TCP.
HOUT1[25%] check	2255	2100	mV	PASS	Checked over TCP.
HOUT1[35%] check	2958	2940	mV	PASS	Checked over TCP.
HOUT1[45%] check	3901	3780	mV	PASS	Checked over TCP.
HOUT1[55%] check	4853	4620	mV	PASS	Checked over TCP.
HOUT1[65%] check	5473	5460	mV	PASS	Checked over TCP.
HOUT1[75%] check	6289	6300	mV	PASS	Checked over TCP.
HOUT1[85%] check	7080	7140	mV	PASS	Checked over TCP.
HOUT1[95%] check	7973	7980	mV	PASS	Checked over TCP.

HOUT - period: 50 us, tolerance: 500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT1[5%] check	654	420	mV	PASS	Checked over TCP.
HOUT1[15%] check	1533	1260	mV	PASS	Checked over TCP.
HOUT1[25%] check	2343	2100	mV	PASS	Checked over TCP.
HOUT1[35%] check	3149	2940	mV	PASS	Checked over TCP.
HOUT1[45%] check	3974	3780	mV	PASS	Checked over TCP.
HOUT1[55%] check	4912	4620	mV	PASS	Checked over TCP.
HOUT1[65%] check	5732	5460	mV	PASS	Checked over TCP.
HOUT1[75%] check	6552	6300	mV	PASS	Checked over TCP.
HOUT1[85%] check	7373	7140	mV	PASS	Checked over TCP.
HOUT1[95%] check	8251	7980	mV	PASS	Checked over TCP.

HOUT1 stop.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT1 stop	1	1	logical	PASS	Houtstopppwm command.



HOUT2 start
-------------

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT2 start	[1, 1]	[1, 1]	logical	PASS	Houtpwm and houtstartpwm command.

HOUT - period: 1000 us, tolerance: 1500 mV.
---

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT2[5%] check	292	420	mV	PASS	Checked over TCP.
HOUT2[15%] check	1235	1260	mV	PASS	Checked over TCP.
HOUT2[25%] check	1303	2100	mV	PASS	Checked over TCP.
HOUT2[35%] check	2348	2940	mV	PASS	Checked over TCP.
HOUT2[45%] check	4262	3780	mV	PASS	Checked over TCP.
HOUT2[55%] check	3984	4620	mV	PASS	Checked over TCP.
HOUT2[65%] check	4350	5460	mV	PASS	Checked over TCP.
HOUT2[75%] check	5502	6300	mV	PASS	Checked over TCP.
HOUT2[85%] check	7822	7140	mV	PASS	Checked over TCP.
HOUT2[95%] check	8071	7980	mV	PASS	Checked over TCP.

HOUT - period: 400 us, tolerance: 500 mV.
---

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT2[5%] check	493	420	mV	PASS	Checked over TCP.
HOUT2[15%] check	1362	1260	mV	PASS	Checked over TCP.
HOUT2[25%] check	2250	2100	mV	PASS	Checked over TCP.
HOUT2[35%] check	2983	2940	mV	PASS	Checked over TCP.
HOUT2[45%] check	3989	3780	mV	PASS	Checked over TCP.
HOUT2[55%] check	4501	4620	mV	PASS	Checked over TCP.
HOUT2[65%] check	5312	5460	mV	PASS	Checked over TCP.
HOUT2[75%] check	6318	6300	mV	PASS	Checked over TCP.
HOUT2[85%] check	7089	7140	mV	PASS	Checked over TCP.
HOUT2[95%] check	7988	7980	mV	PASS	Checked over TCP.

HOUT - period: 50 us, tolerance: 500 mV.
--

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT2[5%] check	649	420	mV	PASS	Checked over TCP.
HOUT2[15%] check	1533	1260	mV	PASS	Checked over TCP.
HOUT2[25%] check	2343	2100	mV	PASS	Checked over TCP.
HOUT2[35%] check	3154	2940	mV	PASS	Checked over TCP.
HOUT2[45%] check	3969	3780	mV	PASS	Checked over TCP.
HOUT2[55%] check	4912	4620	mV	PASS	Checked over TCP.
HOUT2[65%] check	5712	5460	mV	PASS	Checked over TCP.
HOUT2[75%] check	6547	6300	mV	PASS	Checked over TCP.
HOUT2[85%] check	7368	7140	mV	PASS	Checked over TCP.
HOUT2[95%] check	8247	7980	mV	PASS	Checked over TCP.

HOUT2 stop.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT2 stop	1	1	logical	PASS	Houtstop pwm command.

HOUT3 start

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT3 start	[1, 1]	[1, 1]	logical	PASS	Houtpwm and houtstartpwm command.

HOUT - period: 1000 us, tolerance: 1500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT3[5%] check	292	420	mV	PASS	Checked over TCP.
HOUT3[15%] check	1577	1260	mV	PASS	Checked over TCP.
HOUT3[25%] check	1845	2100	mV	PASS	Checked over TCP.
HOUT3[35%] check	1694	2940	mV	PASS	Checked over TCP.
HOUT3[45%] check	2651	3780	mV	PASS	Checked over TCP.
HOUT3[55%] check	5693	4620	mV	PASS	Checked over TCP.
HOUT3[65%] check	6650	5460	mV	PASS	Checked over TCP.
HOUT3[75%] check	5449	6300	mV	PASS	Checked over TCP.
HOUT3[85%] check	6640	7140	mV	PASS	Checked over TCP.
HOUT3[95%] check	7802	7980	mV	PASS	Checked over TCP.

HOUT - period: 400 us, tolerance: 500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT3[5%] check	429	420	mV	PASS	Checked over TCP.
HOUT3[15%] check	1367	1260	mV	PASS	Checked over TCP.
HOUT3[25%] check	1953	2100	mV	PASS	Checked over TCP.
HOUT3[35%] check	2773	2940	mV	PASS	Checked over TCP.
HOUT3[45%] check	3906	3780	mV	PASS	Checked over TCP.
HOUT3[55%] check	4497	4620	mV	PASS	Checked over TCP.
HOUT3[65%] check	5678	5460	mV	PASS	Checked over TCP.
HOUT3[75%] check	6259	6300	mV	PASS	Checked over TCP.
HOUT3[85%] check	7280	7140	mV	PASS	Checked over TCP.
HOUT3[95%] check	8027	7980	mV	PASS	Checked over TCP.

HOUT - period: 50 us, tolerance: 500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT3[5%] check	644	420	mV	PASS	Checked over TCP.
HOUT3[15%] check	1523	1260	mV	PASS	Checked over TCP.
HOUT3[25%] check	2329	2100	mV	PASS	Checked over TCP.
HOUT3[35%] check	3154	2940	mV	PASS	Checked over TCP.
HOUT3[45%] check	3930	3780	mV	PASS	Checked over TCP.
HOUT3[55%] check	4912	4620	mV	PASS	Checked over TCP.
HOUT3[65%] check	5732	5460	mV	PASS	Checked over TCP.
HOUT3[75%] check	6542	6300	mV	PASS	Checked over TCP.
HOUT3[85%] check	7363	7140	mV	PASS	Checked over TCP.
HOUT3[95%] check	8237	7980	mV	PASS	Checked over TCP.

HOUT3 stop.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT3 stop	1	1	logical	PASS	Houtstop pwm command.

HOUT4 start

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT4 start	[1, 1]	[1, 1]	logical	PASS	Houtpwm and houtstartpwm command.

HOUT - period: 1000 us, tolerance: 1500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT4[5%] check	424	420	mV	PASS	Checked over TCP.
HOUT4[15%] check	1796	1260	mV	PASS	Checked over TCP.
HOUT4[25%] check	1713	2100	mV	PASS	Checked over TCP.
HOUT4[35%] check	3251	2940	mV	PASS	Checked over TCP.
HOUT4[45%] check	2519	3780	mV	PASS	Checked over TCP.
HOUT4[55%] check	5590	4620	mV	PASS	Checked over TCP.
HOUT4[65%] check	4599	5460	mV	PASS	Checked over TCP.
HOUT4[75%] check	5883	6300	mV	PASS	Checked over TCP.
HOUT4[85%] check	6938	7140	mV	PASS	Checked over TCP.
HOUT4[95%] check	7797	7980	mV	PASS	Checked over TCP.

HOUT - period: 400 us, tolerance: 500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT4[5%] check	468	420	mV	PASS	Checked over TCP.
HOUT4[15%] check	1342	1260	mV	PASS	Checked over TCP.
HOUT4[25%] check	2187	2100	mV	PASS	Checked over TCP.
HOUT4[35%] check	3061	2940	mV	PASS	Checked over TCP.
HOUT4[45%] check	3896	3780	mV	PASS	Checked over TCP.
HOUT4[55%] check	4628	4620	mV	PASS	Checked over TCP.
HOUT4[65%] check	5410	5460	mV	PASS	Checked over TCP.
HOUT4[75%] check	6303	6300	mV	PASS	Checked over TCP.
HOUT4[85%] check	7065	7140	mV	PASS	Checked over TCP.
HOUT4[95%] check	7968	7980	mV	PASS	Checked over TCP.

HOUT - period: 50 us, tolerance: 500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT4[5%] check	629	420	mV	PASS	Checked over TCP.
HOUT4[15%] check	1513	1260	mV	PASS	Checked over TCP.
HOUT4[25%] check	2329	2100	mV	PASS	Checked over TCP.
HOUT4[35%] check	3134	2940	mV	PASS	Checked over TCP.
HOUT4[45%] check	3950	3780	mV	PASS	Checked over TCP.
HOUT4[55%] check	4887	4620	mV	PASS	Checked over TCP.
HOUT4[65%] check	5703	5460	mV	PASS	Checked over TCP.
HOUT4[75%] check	6513	6300	mV	PASS	Checked over TCP.
HOUT4[85%] check	7333	7140	mV	PASS	Checked over TCP.
HOUT4[95%] check	8183	7980	mV	PASS	Checked over TCP.

HOUT4 stop.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT4 stop	1	1	logical	PASS	Houtstoppwm command.

HOUT5 start
-------------

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT5 start	[1, 1]	[1, 1]	logical	PASS	Houtpwm and houtstartpwm command.

HOUT - period: 1000 us, tolerance: 1500 mV.
---

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT5[5%] check	639	420	mV	PASS	Checked over TCP.
HOUT5[15%] check	1748	1260	mV	PASS	Checked over TCP.
HOUT5[25%] check	2968	2100	mV	PASS	Checked over TCP.
HOUT5[35%] check	2895	2940	mV	PASS	Checked over TCP.
HOUT5[45%] check	3471	3780	mV	PASS	Checked over TCP.
HOUT5[55%] check	3388	4620	mV	PASS	Checked over TCP.
HOUT5[65%] check	5102	5460	mV	PASS	Checked over TCP.
HOUT5[75%] check	5429	6300	mV	PASS	Checked over TCP.
HOUT5[85%] check	6611	7140	mV	PASS	Checked over TCP.
HOUT5[95%] check	7788	7980	mV	PASS	Checked over TCP.

HOUT - period: 400 us, tolerance: 500 mV.
---

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT5[5%] check	415	420	mV	PASS	Checked over TCP.
HOUT5[15%] check	1171	1260	mV	PASS	Checked over TCP.
HOUT5[25%] check	2270	2100	mV	PASS	Checked over TCP.
HOUT5[35%] check	3144	2940	mV	PASS	Checked over TCP.
HOUT5[45%] check	3710	3780	mV	PASS	Checked over TCP.
HOUT5[55%] check	4570	4620	mV	PASS	Checked over TCP.
HOUT5[65%] check	5600	5460	mV	PASS	Checked over TCP.
HOUT5[75%] check	6196	6300	mV	PASS	Checked over TCP.
HOUT5[85%] check	7241	7140	mV	PASS	Checked over TCP.
HOUT5[95%] check	7978	7980	mV	PASS	Checked over TCP.

HOUT - period: 50 us, tolerance: 500 mV.
--

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT5[5%] check	659	420	mV	PASS	Checked over TCP.
HOUT5[15%] check	1533	1260	mV	PASS	Checked over TCP.
HOUT5[25%] check	2343	2100	mV	PASS	Checked over TCP.
HOUT5[35%] check	3154	2940	mV	PASS	Checked over TCP.
HOUT5[45%] check	3969	3780	mV	PASS	Checked over TCP.
HOUT5[55%] check	4912	4620	mV	PASS	Checked over TCP.
HOUT5[65%] check	5737	5460	mV	PASS	Checked over TCP.
HOUT5[75%] check	6547	6300	mV	PASS	Checked over TCP.
HOUT5[85%] check	7373	7140	mV	PASS	Checked over TCP.
HOUT5[95%] check	8247	7980	mV	PASS	Checked over TCP.

HOUT5 stop.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT5 stop	1	1	logical	PASS	Houtstop pwm command.

HOUT6 start

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT6 start	[1, 1]	[1, 1]	logical	PASS	Hout pwm and houtstart pwm command.

HOUT - period: 1000 us, tolerance: 1500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT6[5%] check	571	420	mV	PASS	Checked over TCP.
HOUT6[15%] check	1557	1260	mV	PASS	Checked over TCP.
HOUT6[25%] check	2983	2100	mV	PASS	Checked over TCP.
HOUT6[35%] check	1777	2940	mV	PASS	Checked over TCP.
HOUT6[45%] check	3242	3780	mV	PASS	Checked over TCP.
HOUT6[55%] check	3364	4620	mV	PASS	Checked over TCP.
HOUT6[65%] check	5263	5460	mV	PASS	Checked over TCP.
HOUT6[75%] check	5634	6300	mV	PASS	Checked over TCP.
HOUT6[85%] check	6831	7140	mV	PASS	Checked over TCP.
HOUT6[95%] check	7880	7980	mV	PASS	Checked over TCP.

HOUT - period: 400 us, tolerance: 500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT6[5%] check	468	420	mV	PASS	Checked over TCP.
HOUT6[15%] check	1352	1260	mV	PASS	Checked over TCP.
HOUT6[25%] check	1948	2100	mV	PASS	Checked over TCP.
HOUT6[35%] check	3056	2940	mV	PASS	Checked over TCP.
HOUT6[45%] check	3842	3780	mV	PASS	Checked over TCP.
HOUT6[55%] check	4736	4620	mV	PASS	Checked over TCP.
HOUT6[65%] check	5625	5460	mV	PASS	Checked over TCP.
HOUT6[75%] check	6303	6300	mV	PASS	Checked over TCP.
HOUT6[85%] check	7167	7140	mV	PASS	Checked over TCP.
HOUT6[95%] check	7988	7980	mV	PASS	Checked over TCP.

HOUT - period: 50 us, tolerance: 500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT6[5%] check	649	420	mV	PASS	Checked over TCP.
HOUT6[15%] check	1533	1260	mV	PASS	Checked over TCP.
HOUT6[25%] check	2343	2100	mV	PASS	Checked over TCP.
HOUT6[35%] check	3154	2940	mV	PASS	Checked over TCP.
HOUT6[45%] check	3969	3780	mV	PASS	Checked over TCP.
HOUT6[55%] check	4916	4620	mV	PASS	Checked over TCP.
HOUT6[65%] check	5737	5460	mV	PASS	Checked over TCP.
HOUT6[75%] check	6547	6300	mV	PASS	Checked over TCP.
HOUT6[85%] check	7373	7140	mV	PASS	Checked over TCP.
HOUT6[95%] check	8251	7980	mV	PASS	Checked over TCP.

HOUT6 stop.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT6 stop	1	1	logical	PASS	Houtstoppwm command.

#### 4.5 Group - HBR

Group -Valuation	PASS
Group -Start-/Execution-Time	2013-08-19 16:31:25 / 00:00:00:02
Group -Description	
TestGroup	
TestGroup	

##### 4.5.1 Test - initHBR

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO

Test -Start-/Execution-Time	2013-08-19 16:31:25 / 00:00:00:00
Test -Description	Administrative testcase initHBR calls init function and sets the range of tested pins.

#### 4.5.1 initHBR -- Metadata

(default)	
duration	--:--:--

#### 4.5.1 initHBR -- Run

Test flow -- RPPTest.pins.HBR.testCases.initHBR
Administrative testcase initHBR calls init function and sets the range of tested pins.
Test flow -- RPPTest.pins.HBR.testSequences.disablePin
This sequence disables HBR bridge.

#### 4.5.2 Test - HBR

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	PASS
Test -Start-/Execution-Time	2013-08-19 16:31:25 / 00:00:00:02
Test -Description	HBR testcase: RPP board generates various periods and duty cycles and hummusoft card (analog in) measured the size of voltage.



#### 4.5.2 HBR -- Metadata

(default)	
version	
shadowTestCaseState	not yet specified
testCaseStateComment	
testCaseState	not yet specified
testCaseId	13a0d6e4405cd03801405db5418f010e
implementationPriority	low
functionalRequirement	
duration	--:--:--
riskEvaluation	latent

#### 4.5.2 HBR -- Run

Test flow -- RPPTTest.pins.HBR.testCases.HBR
HBR testcase: RPP board generates various periods and duty cycles and hummusoft card (analog in) measured the size of voltage.
Test flow -- RPPTTest.pins.HBR.testSequences.enablePin
This sequence enables HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.

[illegible]

Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.disablePin
This sequence disables HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.enablePin
This sequence enables HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.



This sequence sets duty cycle of HBB bridge

Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.disablePin
This sequence disables HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.enablePin
This sequence enables HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.

[illegible]



Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.disablePin
This sequence disables HBR bridge.

#### 4.5.2 HBR -- Subtest

HBR - period: 1000 us, tolerance: 1500 mV.
--



Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HBR [10%]	[444, 24]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [20%]	[2275, 19]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [30%]	[3486, 24]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [40%]	[2353, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [50%]	[5307, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [60%]	[5029, 19]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [70%]	[6865, 19]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [80%]	[6967, 24]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [90%]	[7167, 19]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [100%]	[8339, 19]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-100%]	[8364, 24]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-90%]	[7299, 19]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-80%]	[6313, 24]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-70%]	[6108, 19]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-60%]	[4580, 19]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-50%]	[4458, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-40%]	[3017, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-30%]	[3398, 19]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-20%]	[2255, 19]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-10%]	[434, 19]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [0%]	[19, 24]	[0, 0]	mV	PASS	Active half of bridge is always wrote down first.

HBR - period: 200 us, tolerance: 500 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HBR [10%]	[874, 19]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [20%]	[1694, 19]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [30%]	[2568, 19]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [40%]	[3359, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [50%]	[4179, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [60%]	[5009, 19]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [70%]	[5913, 19]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [80%]	[6708, 19]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [90%]	[7519, 19]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [100%]	[8344, 19]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-100%]	[8364, 24]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-90%]	[7568, 24]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-80%]	[6708, 19]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-70%]	[5927, 24]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-60%]	[5102, 19]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-50%]	[4174, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-40%]	[3408, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-30%]	[2578, 19]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-20%]	[1723, 19]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-10%]	[874, 19]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [0%]	[19, 24]	[0, 0]	mV	PASS	Active half of bridge is always wrote down first.

HBR - period: 50 us, tolerance: 250 mV.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HBR [10%]	[898, 73]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [20%]	[1718, 19]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [30%]	[2524, 19]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [40%]	[3330, 24]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [50%]	[4267, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [60%]	[5068, 19]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [70%]	[5893, 19]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [80%]	[6704, 19]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [90%]	[7504, 19]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [100%]	[8344, 24]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-100%]	[8359, 24]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-90%]	[7543, 24]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-80%]	[6713, 24]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-70%]	[5913, 19]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-60%]	[5107, 24]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-50%]	[4296, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-40%]	[3354, 24]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-30%]	[2543, 24]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-20%]	[1723, 19]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-10%]	[922, 19]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [0%]	[24, 24]	[0, 0]	mV	PASS	Active half of bridge is always wrote down first.

#### 4.6 Group - ADIN

Group -Valuation	PASS
Group -Start-/Execution-Time	2013-08-19 16:31:27 / 00:00:00:06
Group -Description	
TestGroup	
TestGroup	

#### 4.6.1 Test - initADIN

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO
Test -Start-/Execution-Time	2013-08-19 16:31:27 / 00:00:00:00
Test -Description	
Administrative testcase initADIN calls init function and sets the range of tested pins.	

#### 4.6.1 initADIN -- Metadata

(default)	
duration	--:--:--

#### 4.6.1 initADIN -- Run

Test flow -- RPPTTest.pins.ADIN.testCases.initADIN
Administrative testcase initADIN calls init function and sets the range of tested pins.

#### 4.6.2 Test - ADIN

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	PASS
Test -Start-/Execution-Time	2013-08-19 16:31:27 / 00:00:00:06
Test -Description	
ADIN testcase: TCP server sets various output voltages on hummusoft card (analog out). The voltage is brought to selected ADIN pin. To the surrounding pins are brought different voltages to see if it caused any interference to measured pin. All even-numbered pins are connected, likewise are connected all odd-numbered pins. The maximum measured voltage is 10 V.	

#### 4.6.2 ADIN -- Metadata

(default)	
version	
shadowTestCaseState	not yet specified
testCaseStateComment	
testCaseState	not yet specified
testCaseId	13a0d6e4404d63f401404ed6b67207df
implementationPriority	low
functionalRequirement	
duration	--:--:--
riskEvaluation	latent

#### 4.6.2 ADIN -- Run

Test flow -- RPPTest.pins.ADIN.testCases.ADIN
ADIN testcase: TCP server sets various output voltages on hummusoft card (analog out). The voltage is brought to selected ADIN pin. To the surrounding pins are brought different voltages to see if it caused any interference to measured pin. All even-numbered pins are connected, likewise are connected all odd-numbered pins. The maximum measured voltage is 10 V.
Test flow -- RPPTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
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This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).

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This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
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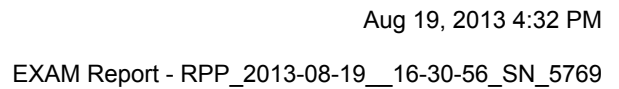
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This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
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This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).

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This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
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This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).



Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
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Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
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Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
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Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).

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This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
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This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
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Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
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This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
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Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).

Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
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Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
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This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
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Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
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Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).

Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
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Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).
Test flow -- RPPTTest.pins.ADIN.testSequences.checkVoltage
This sequence reads (ADINx) voltage generated by hummusoft card (analog out).

#### 4.6.2 ADIN -- Subtest

ADIN1 [tolerance: 0.3 V]					
Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN1	0.5425	0	V	PASS	Check voltage over RS232
ADIN1	1.0375	1	V	PASS	Check voltage over RS232
ADIN1	1.9675	2	V	PASS	Check voltage over RS232
ADIN1	2.9475	3	V	PASS	Check voltage over RS232
ADIN1	3.9225	4	V	PASS	Check voltage over RS232
ADIN1	4.9125	5	V	PASS	Check voltage over RS232
ADIN1	5.8875	6	V	PASS	Check voltage over RS232
ADIN1	6.8775	7	V	PASS	Check voltage over RS232
ADIN1	7.8575	8	V	PASS	Check voltage over RS232
ADIN1	8.8425	9	V	PASS	Check voltage over RS232
ADIN1	9.8275	10	V	PASS	Check voltage over RS232
ADIN2 [tolerance: 0.3 V]					

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN2	0.5375	0	V	PASS	Check voltage over RS232
ADIN2	1.0375	1	V	PASS	Check voltage over RS232
ADIN2	1.9625	2	V	PASS	Check voltage over RS232
ADIN2	2.9475	3	V	PASS	Check voltage over RS232
ADIN2	3.9325	4	V	PASS	Check voltage over RS232
ADIN2	4.9175	5	V	PASS	Check voltage over RS232
ADIN2	5.9075	6	V	PASS	Check voltage over RS232
ADIN2	6.8875	7	V	PASS	Check voltage over RS232
ADIN2	7.8775	8	V	PASS	Check voltage over RS232
ADIN2	8.8575	9	V	PASS	Check voltage over RS232
ADIN2	9.8525	10	V	PASS	Check voltage over RS232

ADIN3 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN3	0.5525	0	V	PASS	Check voltage over RS232
ADIN3	1.0325	1	V	PASS	Check voltage over RS232
ADIN3	1.9575	2	V	PASS	Check voltage over RS232
ADIN3	2.9375	3	V	PASS	Check voltage over RS232
ADIN3	3.9125	4	V	PASS	Check voltage over RS232
ADIN3	4.8925	5	V	PASS	Check voltage over RS232
ADIN3	5.8675	6	V	PASS	Check voltage over RS232
ADIN3	6.8475	7	V	PASS	Check voltage over RS232
ADIN3	7.8325	8	V	PASS	Check voltage over RS232
ADIN3	8.8025	9	V	PASS	Check voltage over RS232
ADIN3	9.7775	10	V	PASS	Check voltage over RS232

ADIN4 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN4	0.5425	0	V	PASS	Check voltage over RS232
ADIN4	1.0375	1	V	PASS	Check voltage over RS232
ADIN4	1.9625	2	V	PASS	Check voltage over RS232
ADIN4	2.9475	3	V	PASS	Check voltage over RS232
ADIN4	3.9275	4	V	PASS	Check voltage over RS232
ADIN4	4.9125	5	V	PASS	Check voltage over RS232
ADIN4	5.9025	6	V	PASS	Check voltage over RS232
ADIN4	6.8725	7	V	PASS	Check voltage over RS232
ADIN4	7.8625	8	V	PASS	Check voltage over RS232
ADIN4	8.8475	9	V	PASS	Check voltage over RS232
ADIN4	9.8225	10	V	PASS	Check voltage over RS232

## ADIN5 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN5	0.5475	0	V	PASS	Check voltage over RS232
ADIN5	1.0225	1	V	PASS	Check voltage over RS232
ADIN5	1.9525	2	V	PASS	Check voltage over RS232
ADIN5	2.9325	3	V	PASS	Check voltage over RS232
ADIN5	3.9175	4	V	PASS	Check voltage over RS232
ADIN5	4.8925	5	V	PASS	Check voltage over RS232
ADIN5	5.8725	6	V	PASS	Check voltage over RS232
ADIN5	6.8525	7	V	PASS	Check voltage over RS232
ADIN5	7.8375	8	V	PASS	Check voltage over RS232
ADIN5	8.8175	9	V	PASS	Check voltage over RS232
ADIN5	9.7925	10	V	PASS	Check voltage over RS232

## ADIN6 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN6	0.5575	0	V	PASS	Check voltage over RS232
ADIN6	1.0375	1	V	PASS	Check voltage over RS232
ADIN6	1.9575	2	V	PASS	Check voltage over RS232
ADIN6	2.9375	3	V	PASS	Check voltage over RS232
ADIN6	3.9225	4	V	PASS	Check voltage over RS232
ADIN6	4.9075	5	V	PASS	Check voltage over RS232
ADIN6	5.8925	6	V	PASS	Check voltage over RS232
ADIN6	6.8725	7	V	PASS	Check voltage over RS232
ADIN6	7.8625	8	V	PASS	Check voltage over RS232
ADIN6	8.8425	9	V	PASS	Check voltage over RS232
ADIN6	9.8275	10	V	PASS	Check voltage over RS232

## ADIN7 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN7	0.5575	0	V	PASS	Check voltage over RS232
ADIN7	1.0325	1	V	PASS	Check voltage over RS232
ADIN7	1.9575	2	V	PASS	Check voltage over RS232
ADIN7	2.9375	3	V	PASS	Check voltage over RS232
ADIN7	3.9275	4	V	PASS	Check voltage over RS232
ADIN7	4.9075	5	V	PASS	Check voltage over RS232
ADIN7	5.8925	6	V	PASS	Check voltage over RS232
ADIN7	6.8775	7	V	PASS	Check voltage over RS232
ADIN7	7.8675	8	V	PASS	Check voltage over RS232
ADIN7	8.8575	9	V	PASS	Check voltage over RS232
ADIN7	9.8325	10	V	PASS	Check voltage over RS232

ADIN8 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN8	0.5475	0	V	PASS	Check voltage over RS232
ADIN8	1.0275	1	V	PASS	Check voltage over RS232
ADIN8	1.9475	2	V	PASS	Check voltage over RS232
ADIN8	2.9225	3	V	PASS	Check voltage over RS232
ADIN8	3.9025	4	V	PASS	Check voltage over RS232
ADIN8	4.8775	5	V	PASS	Check voltage over RS232
ADIN8	5.8525	6	V	PASS	Check voltage over RS232
ADIN8	6.8275	7	V	PASS	Check voltage over RS232
ADIN8	7.8075	8	V	PASS	Check voltage over RS232
ADIN8	8.7875	9	V	PASS	Check voltage over RS232
ADIN8	9.7525	10	V	PASS	Check voltage over RS232

ADIN9 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN9	0.5425	0	V	PASS	Check voltage over RS232
ADIN9	1.0375	1	V	PASS	Check voltage over RS232
ADIN9	1.9625	2	V	PASS	Check voltage over RS232
ADIN9	2.9375	3	V	PASS	Check voltage over RS232
ADIN9	3.9125	4	V	PASS	Check voltage over RS232
ADIN9	4.8975	5	V	PASS	Check voltage over RS232
ADIN9	5.8775	6	V	PASS	Check voltage over RS232
ADIN9	6.8575	7	V	PASS	Check voltage over RS232
ADIN9	7.8325	8	V	PASS	Check voltage over RS232
ADIN9	8.8125	9	V	PASS	Check voltage over RS232
ADIN9	9.7925	10	V	PASS	Check voltage over RS232



## ADIN10 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN10	0.5525	0	V	PASS	Check voltage over RS232
ADIN10	1.0325	1	V	PASS	Check voltage over RS232
ADIN10	1.9525	2	V	PASS	Check voltage over RS232
ADIN10	2.9325	3	V	PASS	Check voltage over RS232
ADIN10	3.9125	4	V	PASS	Check voltage over RS232
ADIN10	4.8975	5	V	PASS	Check voltage over RS232
ADIN10	5.8725	6	V	PASS	Check voltage over RS232
ADIN10	6.8525	7	V	PASS	Check voltage over RS232
ADIN10	7.8375	8	V	PASS	Check voltage over RS232
ADIN10	8.8225	9	V	PASS	Check voltage over RS232
ADIN10	9.7975	10	V	PASS	Check voltage over RS232

## ADIN11 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN11	0.5575	0	V	PASS	Check voltage over RS232
ADIN11	1.0275	1	V	PASS	Check voltage over RS232
ADIN11	1.9525	2	V	PASS	Check voltage over RS232
ADIN11	2.9425	3	V	PASS	Check voltage over RS232
ADIN11	3.9225	4	V	PASS	Check voltage over RS232
ADIN11	4.9125	5	V	PASS	Check voltage over RS232
ADIN11	5.8925	6	V	PASS	Check voltage over RS232
ADIN11	6.8775	7	V	PASS	Check voltage over RS232
ADIN11	7.8575	8	V	PASS	Check voltage over RS232
ADIN11	8.8475	9	V	PASS	Check voltage over RS232
ADIN11	9.8275	10	V	PASS	Check voltage over RS232

## ADIN12 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN12	0.5525	0	V	PASS	Check voltage over RS232
ADIN12	1.0325	1	V	PASS	Check voltage over RS232
ADIN12	1.9475	2	V	PASS	Check voltage over RS232
ADIN12	2.9375	3	V	PASS	Check voltage over RS232
ADIN12	3.9175	4	V	PASS	Check voltage over RS232
ADIN12	4.9025	5	V	PASS	Check voltage over RS232
ADIN12	5.8825	6	V	PASS	Check voltage over RS232
ADIN12	6.8625	7	V	PASS	Check voltage over RS232
ADIN12	7.8525	8	V	PASS	Check voltage over RS232
ADIN12	8.8375	9	V	PASS	Check voltage over RS232
ADIN12	9.8125	10	V	PASS	Check voltage over RS232

#### 4.7 Group - DIN0to7

Group -Valuation	PASS
Group -Start-/Execution-Time	2013-08-19 16:31:34 / 00:00:00:11
Group -Description	
TestGroup	
TestGroup	

##### 4.7.1 Test - initDIN0to7

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO
Test -Start-/Execution-Time	2013-08-19 16:31:34 / 00:00:00:00
Test -Description	
Administrative testcase initDIN0to7 calls init function and sets the range of tested pins.	

##### 4.7.1 initDIN0to7 -- Metadata

(default)	
duration	--:--:--

##### 4.7.1 initDIN0to7 -- Run

Test flow -- RPPTTest.pins.DIN._0to7.testCases.initDIN0to7
Administrative testcase initDIN0to7 calls init function and sets the range of tested pins.

##### 4.7.2 Test - DIN0to7

Test -Full-Scoped-Name :	Full Scoped Name
--------------------------	------------------

Test -Valuation	PASS
Test -Start-/Execution-Time	2013-08-19 16:31:34 / 00:00:00:11
Test -Description	
<p>DIN0to7 testcase: This test case consists of two parts.</p> <p>The first part tests unconnected DIN0-7 periphery. It calls dinsetup to set DIN0-7 pins to be pull-down and active, then it sets pull-up and active. Every time this test case measured if the result of dinget command is correct.</p> <p>The second part tests connected DIN0-7 periphery. RPP board reads digital signals generated by hummusoft card (digital out).</p>	

#### 4.7.2 DIN0to7 -- Metadata

(default)	
version	
shadowTestCaseState	not yet specified
testCaseStateComment	
testCaseState	not yet specified
testCaseId	13a0d6e4407bb65b01407c0ac81e0055
implementationPriority	low
functionalRequirement	
duration	--:--:--
riskEvaluation	latent

#### 4.7.2 DIN0to7 -- Run

Test flow -- RPPTTest.pins.DIN._0to7.testCases.DIN0to7
<p>DIN0to7 testcase: This test case consists of two parts.</p> <p>The first part tests unconnected DIN0-7 periphery. It calls dinsetup to set DIN0-7 pins to be pull-down and active, then it sets pull-up and active. Every time this test case measured if the result of dinget command is correct.</p> <p>The second part tests connected DIN0-7 periphery. RPP board reads digital signals generated by hummusoft card (digital out).</p>
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin

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Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin

This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT

This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin



This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
This sequence calls function that sets the voltage generated by hummusoft card (digital out).
Test flow -- RPPTTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.

#### 4.7.2 DIN0to7 -- Subtest

Floating DIN0-7.					
Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
DIN0 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN0 check	0	0	logical	PASS	[pullType : 0, active: 1]
DIN1 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN1 check	0	0	logical	PASS	[pullType : 0, active: 1]
DIN2 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN2 check	0	0	logical	PASS	[pullType : 0, active: 1]
DIN3 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN3 check	0	0	logical	PASS	[pullType : 0, active: 1]
DIN4 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN4 check	0	0	logical	PASS	[pullType : 0, active: 1]
DIN5 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN5 check	0	0	logical	PASS	[pullType : 0, active: 1]
DIN6 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN6 check	0	0	logical	PASS	[pullType : 0, active: 1]
DIN7 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN7 check	0	0	logical	PASS	[pullType : 0, active: 1]
DIN0-7 connected.					

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
DIN0 check	0	0	logical	PASS	[pullType : 0, active: 0]
DIN0 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN1 check	0	0	logical	PASS	[pullType : 0, active: 0]
DIN1 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN2 check	0	0	logical	PASS	[pullType : 0, active: 0]
DIN2 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN3 check	0	0	logical	PASS	[pullType : 0, active: 0]
DIN3 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN4 check	0	0	logical	PASS	[pullType : 0, active: 0]
DIN4 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN5 check	0	0	logical	PASS	[pullType : 0, active: 0]
DIN5 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN6 check	0	0	logical	PASS	[pullType : 0, active: 0]
DIN6 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN7 check	0	0	logical	PASS	[pullType : 0, active: 0]
DIN7 check	1	1	logical	PASS	[pullType : 0, active: 0]

#### 4.8 Group - DIN8to15

Group -Valuation	PASS
Group -Start-/Execution-Time	2013-08-19 16:31:46 / 00:00:00:11
Group -Description	
TestGroup	
TestGroup	

##### 4.8.1 Test - initDIN8to15

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO
Test -Start-/Execution-Time	2013-08-19 16:31:46 / 00:00:00:00
Test -Description	
Administrative testcase initDIN8to15 calls init function and sets the range of tested pins.	

#### 4.8.1 initDIN8to15 -- Metadata

(default)	
duration	--:--:--

#### 4.8.1 initDIN8to15 -- Run

Test flow -- RPPTest.pins.DIN_8to15.testCases.initDIN8to15
Administrative testcase initDIN8to15 calls init function and sets the range of tested pins.

#### 4.8.2 Test - DIN8to15

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	PASS
Test -Start-/Execution-Time	2013-08-19 16:31:46 / 00:00:00:11
Test -Description	
DIN8to15 testcase: This test case consists of two parts. The first part tests unconnected DIN8-15 periphery. It calls dinsetup to set DIN0-7 pins to be pull-up and active, then it sets pull-up and tri-state. Every time this test case measured if the result of dinget command is correct. The second part tests connected DIN8-15 periphery. RPP board reads different analog signals generated by hummusoft card (analog out) and it determinates the threshold for every pin.	

#### 4.8.2 DIN8to15 -- Metadata

(default)	
version	
shadowTestCaseState	not yet specified
testCaseStateComment	
testCaseState	not yet specified
testCaseId	13a0d6e44081d83b014081eabfff00de
implementationPriority	low
functionalRequirement	
duration	--:--:--
riskEvaluation	latent

#### 4.8.2 DIN8to15 -- Run

Test flow -- RPPTTest.pins.DIN._8to15.testCases.DIN8to15
<p>DIN8to15 testcase: This test case consists of two parts.</p> <p>The first part tests unconnected DIN8-15 periphery. It calls dinsetup to set DIN0-7 pins to be pull-up and active, then it sets pull-up and tri-state. Every time this test case measured if the result of dinget command is correct.</p> <p>The second part tests connected DIN8-15 periphery. RPP board reads different analog signals generated by hummusoft card (analog out) and it determinates the threshold for every pin.</p>
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.readPin

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Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin

Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin

Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin



Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.setHumAD
Test flow -- RPPTTest.pins.DIN._8to15.testSequences.checkPin

Test flow -- RPPTest.pins.DIN.\_8to15.testSequences.setHumAD

Test flow -- RPPTest.pins.DIN.\_8to15.testSequences.checkPin

#### 4.8.2 DIN8to15 -- Subtest

Floating DIN8-15.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
DIN8 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN8 check	1	1	logical	PASS	[pullType : 1, active: 0]
DIN9 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN9 check	1	1	logical	PASS	[pullType : 1, active: 0]
DIN10 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN10 check	1	1	logical	PASS	[pullType : 1, active: 0]
DIN11 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN11 check	1	1	logical	PASS	[pullType : 1, active: 0]
DIN12 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN12 check	1	1	logical	PASS	[pullType : 1, active: 0]
DIN13 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN13 check	1	1	logical	PASS	[pullType : 1, active: 0]
DIN14 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN14 check	1	1	logical	PASS	[pullType : 1, active: 0]
DIN15 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN15 check	1	1	logical	PASS	[pullType : 1, active: 0]

DIN8-15 connected.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
DIN8 check	1	1	logical	PASS	Voltage: 0 V.
DIN8 check	1	1	logical	PASS	Voltage: 3 V.
DIN8 check	0	0	logical	PASS	Voltage: 5 V.
DIN8 check	0	0	logical	PASS	Voltage: 8 V.
DIN8 check	0	0	logical	PASS	Voltage: 10 V.
DIN9 check	1	1	logical	PASS	Voltage: 0 V.
DIN9 check	1	1	logical	PASS	Voltage: 3 V.
DIN9 check	0	0	logical	PASS	Voltage: 5 V.
DIN9 check	0	0	logical	PASS	Voltage: 8 V.
DIN9 check	0	0	logical	PASS	Voltage: 10 V.
DIN10 check	1	1	logical	PASS	Voltage: 0 V.
DIN10 check	1	1	logical	PASS	Voltage: 3 V.
DIN10 check	0	0	logical	PASS	Voltage: 5 V.
DIN10 check	0	0	logical	PASS	Voltage: 8 V.
DIN10 check	0	0	logical	PASS	Voltage: 10 V.
DIN11 check	1	1	logical	PASS	Voltage: 0 V.
DIN11 check	1	1	logical	PASS	Voltage: 3 V.
DIN11 check	0	0	logical	PASS	Voltage: 5 V.
DIN11 check	0	0	logical	PASS	Voltage: 8 V.
DIN11 check	0	0	logical	PASS	Voltage: 10 V.
DIN12 check	1	1	logical	PASS	Voltage: 0 V.
DIN12 check	1	1	logical	PASS	Voltage: 3 V.
DIN12 check	0	0	logical	PASS	Voltage: 5 V.
DIN12 check	0	0	logical	PASS	Voltage: 8 V.
DIN12 check	0	0	logical	PASS	Voltage: 10 V.
DIN13 check	1	1	logical	PASS	Voltage: 0 V.
DIN13 check	1	1	logical	PASS	Voltage: 3 V.
DIN13 check	0	0	logical	PASS	Voltage: 5 V.
DIN13 check	0	0	logical	PASS	Voltage: 8 V.
DIN13 check	0	0	logical	PASS	Voltage: 10 V.
DIN14 check	1	1	logical	PASS	Voltage: 0 V.
DIN14 check	1	1	logical	PASS	Voltage: 3 V.
DIN14 check	0	0	logical	PASS	Voltage: 5 V.
DIN14 check	0	0	logical	PASS	Voltage: 8 V.
DIN14 check	0	0	logical	PASS	Voltage: 10 V.
DIN15 check	1	1	logical	PASS	Voltage: 0 V.
DIN15 check	1	1	logical	PASS	Voltage: 3 V.
DIN15 check	0	0	logical	PASS	Voltage: 5 V.
DIN15 check	0	0	logical	PASS	Voltage: 8 V.

DIN15 check	0	0	logical	PASS	Voltage: 10 V.
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#### 4.9 Group - DAC

Group -Valuation	PASS
Group -Start-/Execution-Time	2013-08-19 16:31:57 / 00:00:00:01
Group -Description	
TestGroup	
TestGroup	

##### 4.9.1 Test - initDAC

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO
Test -Start-/Execution-Time	2013-08-19 16:31:57 / 00:00:00:00
Test -Description	
Administrative testcase initDAC calls init function and sets the range of tested pins.	

##### 4.9.1 initDAC -- Metadata

(default)	
duration	--:--:--

##### 4.9.1 initDAC -- Run

Test flow -- RPPTest.pins.DAC.testCases.initDAC
Administrative testcase initDAC calls init function and sets the range of tested pins.

#### 4.9.2 Test - DAC

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	PASS
Test -Start-/Execution-Time	2013-08-19 16:31:57 / 00:00:00:01
Test -Description	
DAC testcase: The DAC periphery generates voltage measured by hummusoft card (analog in). Every pins is measured separately. The maximum measured voltage is 10 V.	

#### 4.9.2 DAC -- Metadata

(default)	
version	
shadowTestCaseState	not yet specified
testCaseStateComment	
testCaseState	not yet specified
testCaseId	13a0d6e44057ae5b01405913f4fc047a
implementationPriority	low
functionalRequirement	
duration	--:--:--
riskEvaluation	latent

#### 4.9.2 DAC -- Run

Test flow -- RPPTest.pins.DAC.testCases.DAC
DAC testcase: The DAC peripheral generates voltage measured by hummusoft card (analog in). Every pins is measured separately. The maximum measured voltage is 10 V.
Test flow -- RPPTest.pins.DAC.testSequences.enablePin
This sequence enables measured pin of DAC peripheral.
Test flow -- RPPTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTest.pins.DAC.testSequences.checkVoltage

This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.disablePin
This sequence disables measured pin of DAC periphery.
Test flow -- RPPTTest.pins.DAC.testSequences.enablePin
This sequence enables measured pin of DAC periphery.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
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Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
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Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage

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Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
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Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
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Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
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Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.disablePin
This sequence disables measured pin of DAC periphery.
Test flow -- RPPTTest.pins.DAC.testSequences.enablePin
This sequence enables measured pin of DAC periphery.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage

This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
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Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.disablePin
This sequence disables measured pin of DAC periphery.
Test flow -- RPPTTest.pins.DAC.testSequences.enablePin
This sequence enables measured pin of DAC periphery.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage



This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.setVoltage
This sequence sets voltage to DAC pin and determinates if the voltage is set.
Test flow -- RPPTTest.pins.DAC.testSequences.checkVoltage
This sequence reads voltage by hummusoft card (analog in) and determinates the size of voltage.
Test flow -- RPPTTest.pins.DAC.testSequences.disablePin
This sequence disables measured pin of DAC periphery.

#### 4.9.2 DAC -- Subtest

DAC1
------

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
DAC1 enable	1	1	logical	PASS	dacpinenable command.
DAC1set	0	0	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	24	0	mV	PASS	Check voltage over TCP.
DAC1set	2000	2000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	1997	2000	mV	PASS	Check voltage over TCP.
DAC1set	4000	4000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	4033	4000	mV	PASS	Check voltage over TCP.
DAC1set	6000	6000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	6059	6000	mV	PASS	Check voltage over TCP.
DAC1set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	8095	8000	mV	PASS	Check voltage over TCP.
DAC1set	10000	10000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	9995	10000	mV	PASS	Check voltage over TCP.
DAC1set	12000	12000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	9995	12000	mV	PASS	Check voltage over TCP.
DAC1 disable	0	0	logical	PASS	dacpinenable command.

#### DAC2

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
DAC2 enable	1	1	logical	PASS	dacpinenable command.
DAC2set	0	0	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	29	0	mV	PASS	Check voltage over TCP.
DAC2set	2000	2000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	1997	2000	mV	PASS	Check voltage over TCP.
DAC2set	4000	4000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	4013	4000	mV	PASS	Check voltage over TCP.
DAC2set	6000	6000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	6035	6000	mV	PASS	Check voltage over TCP.
DAC2set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	8056	8000	mV	PASS	Check voltage over TCP.
DAC2set	10000	10000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	9995	10000	mV	PASS	Check voltage over TCP.
DAC2set	12000	12000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	9995	12000	mV	PASS	Check voltage over TCP.
DAC2 disable	0	0	logical	PASS	dacpinenable command.

#### DAC3

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
DAC3 enable	1	1	logical	PASS	dacpinenable command.
DAC3set	0	0	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	29	0	mV	PASS	Check voltage over TCP.
DAC3set	2000	2000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	1982	2000	mV	PASS	Check voltage over TCP.
DAC3set	4000	4000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	4008	4000	mV	PASS	Check voltage over TCP.
DAC3set	6000	6000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	6030	6000	mV	PASS	Check voltage over TCP.
DAC3set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	8061	8000	mV	PASS	Check voltage over TCP.
DAC3set	10000	10000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	9995	10000	mV	PASS	Check voltage over TCP.
DAC3set	12000	12000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	9995	12000	mV	PASS	Check voltage over TCP.
DAC3 disable	0	0	logical	PASS	dacpinenable command.

#### DAC4

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
DAC4 enable	1	1	logical	PASS	dacpinenable command.
DAC4set	0	0	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	24	0	mV	PASS	Check voltage over TCP.
DAC4set	2000	2000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	2006	2000	mV	PASS	Check voltage over TCP.
DAC4set	4000	4000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	4042	4000	mV	PASS	Check voltage over TCP.
DAC4set	6000	6000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	6074	6000	mV	PASS	Check voltage over TCP.
DAC4set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	8100	8000	mV	PASS	Check voltage over TCP.
DAC4set	10000	10000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	9995	10000	mV	PASS	Check voltage over TCP.
DAC4set	12000	12000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	9995	12000	mV	PASS	Check voltage over TCP.
DAC4 disable	0	0	logical	PASS	dacpinenable command.

#### 4.10 Group - delInitialization

Group -Valuation	INFO
Group -Start-/Execution-Time	2013-08-19 16:31:59 / 00:00:00:00

Group -Description
Cleans up the test suite.
De-Initialisiert die TestSuite.

#### 4.10.1 Test - delInitialization

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO
Test -Start-/Execution-Time	2013-08-19 16:31:59 / 00:00:00:00
Test -Description	
This class ends TCP server and close RS232 communication channel.	

##### 4.10.1 delInitialization -- Metadata

(default)	
duration	--:--:--

##### 4.10.1 delInitialization -- Run

Test flow -- RPPTTest.basics.delInitialization
This class ends TCP server and close RS232 communication channel.