

EXAM Testreport

Starttime 15:54:18 19. August 2013

Title General tests

Project RPP tests

Department ČVUT FEL

Subject 5767

Operator

Phone

Mail hubnepa1@fel.cvut.cz

Comment

RPP_2013-08-19__15-54-18_SN_5767

test-statistic on 18 evaluated tests(s)		
pass	open	fail
6	0	2

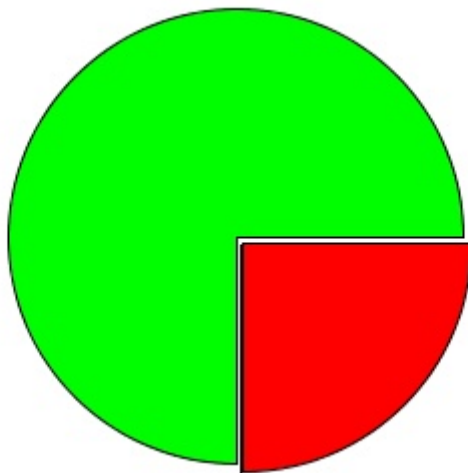
1. General-Data

(default)	
mail	hubnepa1@fel.cvut.cz
project	RPP tests
title	General tests
subject	5767
department	ČVUT FEL
CodeSync	
Date of last code synchronization	2013-08-19 15:50:54
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:	00:00:01:24

■ pass: 6 tests = 75.00%
■ open: 0 tests = 0.00%



■ fail: 2 tests = 25.00%

3. Overview-Data

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

4.9.2 Test - DAC	PASS	---
4.10 Group - deInitialization	INFO	
4.10.1 Test - deInitialization	INFO	---

4. Testresult-Data

4.1 Group - initialization

Group -Valuation	INFO
Group -Start-/Execution-Time	2013-08-19 15:54:18 / 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 15:54:18 / 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 15:54:19 / 00:00:00:05
Group -Description	TestGroup
TestGroup	
TestGroup	

4.2.1 Test - initLOUT

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	INFO
Test -Start-/Execution-Time	2013-08-19 15:54:19 / 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 15:54:19 / 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
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Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverTCP
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Test flow -- RPPTTest.pins.LOUT.testSequences.setLogValue
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Test flow -- RPPTTest.pins.LOUT.testSequences.checkValueOverRS232
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Test flow -- RPPTTest.pins.LOUT.testSequences.setLogValue
This sequence sets logical values to the LOUT pin.
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Test flow -- RPPTTest.pins.LOUT.testSequences.setLogValue
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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 15:54:24 / 00:00:00:04
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 15:54:24 / 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 15:54:25 / 00:00:00:04
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
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Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverTCP
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This sequence checks if the logical value is set.
Test flow -- RPPTTest.pins.MOUT.testSequences.checkValueOverTCP
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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.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.checkValueOverRS232
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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).

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 15:54:29 / 00:00:00:39
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 15:54:29 / 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 15:54:29 / 00:00:00:39
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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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.

18 / 108

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.

[illegible]

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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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.

22 / 108

23 / 108

24 / 108

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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27 / 108

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Test flow -- RPPTTest.pins.HOUT.testSequences.stopPWM
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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
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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37 / 108

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 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	439	420	mV	PASS	Checked over TCP.
HOUT1[15%] check	1850	1260	mV	PASS	Checked over TCP.
HOUT1[25%] check	2456	2100	mV	PASS	Checked over TCP.
HOUT1[35%] check	2167	2940	mV	PASS	Checked over TCP.
HOUT1[45%] check	3022	3780	mV	PASS	Checked over TCP.
HOUT1[55%] check	3823	4620	mV	PASS	Checked over TCP.
HOUT1[65%] check	6059	5460	mV	PASS	Checked over TCP.
HOUT1[75%] check	7158	6300	mV	PASS	Checked over TCP.
HOUT1[85%] check	7001	7140	mV	PASS	Checked over TCP.
HOUT1[95%] check	8081	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT1[5%] check	419	420	mV	PASS	Checked over TCP.
HOUT1[15%] check	1391	1260	mV	PASS	Checked over TCP.
HOUT1[25%] check	2246	2100	mV	PASS	Checked over TCP.
HOUT1[35%] check	3090	2940	mV	PASS	Checked over TCP.
HOUT1[45%] check	3872	3780	mV	PASS	Checked over TCP.
HOUT1[55%] check	4804	4620	mV	PASS	Checked over TCP.
HOUT1[65%] check	5693	5460	mV	PASS	Checked over TCP.
HOUT1[75%] check	6337	6300	mV	PASS	Checked over TCP.
HOUT1[85%] check	7270	7140	mV	PASS	Checked over TCP.
HOUT1[95%] check	7998	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT1[5%] check	664	420	mV	PASS	Checked over TCP.
HOUT1[15%] check	1562	1260	mV	PASS	Checked over TCP.
HOUT1[25%] check	2358	2100	mV	PASS	Checked over TCP.
HOUT1[35%] check	3168	2940	mV	PASS	Checked over TCP.
HOUT1[45%] check	3979	3780	mV	PASS	Checked over TCP.
HOUT1[55%] check	4946	4620	mV	PASS	Checked over TCP.
HOUT1[65%] check	5751	5460	mV	PASS	Checked over TCP.
HOUT1[75%] check	6562	6300	mV	PASS	Checked over TCP.
HOUT1[85%] check	7392	7140	mV	PASS	Checked over TCP.
HOUT1[95%] check	8271	7980	mV	PASS	Checked over TCP.

HOUT1 stop.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT1 stop	1	1	logical	PASS	Houtstoppwm 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	434	420	mV	PASS	Checked over TCP.
HOUT2[15%] check	1132	1260	mV	PASS	Checked over TCP.
HOUT2[25%] check	1616	2100	mV	PASS	Checked over TCP.
HOUT2[35%] check	2363	2940	mV	PASS	Checked over TCP.
HOUT2[45%] check	2485	3780	mV	PASS	Checked over TCP.
HOUT2[55%] check	3823	4620	mV	PASS	Checked over TCP.
HOUT2[65%] check	5346	5460	mV	PASS	Checked over TCP.
HOUT2[75%] check	7070	6300	mV	PASS	Checked over TCP.
HOUT2[85%] check	6674	7140	mV	PASS	Checked over TCP.
HOUT2[95%] check	8149	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	1323	1260	mV	PASS	Checked over TCP.
HOUT2[25%] check	1953	2100	mV	PASS	Checked over TCP.
HOUT2[35%] check	3090	2940	mV	PASS	Checked over TCP.
HOUT2[45%] check	4008	3780	mV	PASS	Checked over TCP.
HOUT2[55%] check	4560	4620	mV	PASS	Checked over TCP.
HOUT2[65%] check	5527	5460	mV	PASS	Checked over TCP.
HOUT2[75%] check	6201	6300	mV	PASS	Checked over TCP.
HOUT2[85%] check	7202	7140	mV	PASS	Checked over TCP.
HOUT2[95%] check	7978	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT2[5%] check	659	420	mV	PASS	Checked over TCP.
HOUT2[15%] check	1538	1260	mV	PASS	Checked over TCP.
HOUT2[25%] check	2333	2100	mV	PASS	Checked over TCP.
HOUT2[35%] check	3159	2940	mV	PASS	Checked over TCP.
HOUT2[45%] check	3979	3780	mV	PASS	Checked over TCP.
HOUT2[55%] check	4921	4620	mV	PASS	Checked over TCP.
HOUT2[65%] check	5747	5460	mV	PASS	Checked over TCP.
HOUT2[75%] check	6582	6300	mV	PASS	Checked over TCP.
HOUT2[85%] check	7373	7140	mV	PASS	Checked over TCP.
HOUT2[95%] check	8251	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	610	420	mV	PASS	Checked over TCP.
HOUT3[15%] check	957	1260	mV	PASS	Checked over TCP.
HOUT3[25%] check	1630	2100	mV	PASS	Checked over TCP.
HOUT3[35%] check	4062	2940	mV	PASS	Checked over TCP.
HOUT3[45%] check	3857	3780	mV	PASS	Checked over TCP.
HOUT3[55%] check	3383	4620	mV	PASS	Checked over TCP.
HOUT3[65%] check	6245	5460	mV	PASS	Checked over TCP.
HOUT3[75%] check	6342	6300	mV	PASS	Checked over TCP.
HOUT3[85%] check	6718	7140	mV	PASS	Checked over TCP.
HOUT3[95%] check	7856	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT3[5%] check	400	420	mV	PASS	Checked over TCP.
HOUT3[15%] check	1362	1260	mV	PASS	Checked over TCP.
HOUT3[25%] check	2187	2100	mV	PASS	Checked over TCP.
HOUT3[35%] check	2924	2940	mV	PASS	Checked over TCP.
HOUT3[45%] check	3759	3780	mV	PASS	Checked over TCP.
HOUT3[55%] check	4453	4620	mV	PASS	Checked over TCP.
HOUT3[65%] check	5556	5460	mV	PASS	Checked over TCP.
HOUT3[75%] check	6333	6300	mV	PASS	Checked over TCP.
HOUT3[85%] check	7084	7140	mV	PASS	Checked over TCP.
HOUT3[95%] check	7988	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT3[5%] check	659	420	mV	PASS	Checked over TCP.
HOUT3[15%] check	1528	1260	mV	PASS	Checked over TCP.
HOUT3[25%] check	2343	2100	mV	PASS	Checked over TCP.
HOUT3[35%] check	3164	2940	mV	PASS	Checked over TCP.
HOUT3[45%] check	3979	3780	mV	PASS	Checked over TCP.
HOUT3[55%] check	4921	4620	mV	PASS	Checked over TCP.
HOUT3[65%] check	5737	5460	mV	PASS	Checked over TCP.
HOUT3[75%] check	6547	6300	mV	PASS	Checked over TCP.
HOUT3[85%] check	7368	7140	mV	PASS	Checked over TCP.
HOUT3[95%] check	8251	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	541	420	mV	PASS	Checked over TCP.
HOUT4[15%] check	1152	1260	mV	PASS	Checked over TCP.
HOUT4[25%] check	2089	2100	mV	PASS	Checked over TCP.
HOUT4[35%] check	3427	2940	mV	PASS	Checked over TCP.
HOUT4[45%] check	2680	3780	mV	PASS	Checked over TCP.
HOUT4[55%] check	4257	4620	mV	PASS	Checked over TCP.
HOUT4[65%] check	5698	5460	mV	PASS	Checked over TCP.
HOUT4[75%] check	5546	6300	mV	PASS	Checked over TCP.
HOUT4[85%] check	7314	7140	mV	PASS	Checked over TCP.
HOUT4[95%] check	8168	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT4[5%] check	410	420	mV	PASS	Checked over TCP.
HOUT4[15%] check	1381	1260	mV	PASS	Checked over TCP.
HOUT4[25%] check	2255	2100	mV	PASS	Checked over TCP.
HOUT4[35%] check	2866	2940	mV	PASS	Checked over TCP.
HOUT4[45%] check	3715	3780	mV	PASS	Checked over TCP.
HOUT4[55%] check	4653	4620	mV	PASS	Checked over TCP.
HOUT4[65%] check	5581	5460	mV	PASS	Checked over TCP.
HOUT4[75%] check	6186	6300	mV	PASS	Checked over TCP.
HOUT4[85%] check	7221	7140	mV	PASS	Checked over TCP.
HOUT4[95%] check	7973	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT4[5%] check	634	420	mV	PASS	Checked over TCP.
HOUT4[15%] check	1606	1260	mV	PASS	Checked over TCP.
HOUT4[25%] check	2329	2100	mV	PASS	Checked over TCP.
HOUT4[35%] check	3149	2940	mV	PASS	Checked over TCP.
HOUT4[45%] check	3959	3780	mV	PASS	Checked over TCP.
HOUT4[55%] check	4902	4620	mV	PASS	Checked over TCP.
HOUT4[65%] check	5717	5460	mV	PASS	Checked over TCP.
HOUT4[75%] check	6528	6300	mV	PASS	Checked over TCP.
HOUT4[85%] check	7348	7140	mV	PASS	Checked over TCP.
HOUT4[95%] check	8193	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	566	420	mV	PASS	Checked over TCP.
HOUT5[15%] check	1577	1260	mV	PASS	Checked over TCP.
HOUT5[25%] check	1918	2100	mV	PASS	Checked over TCP.
HOUT5[35%] check	1679	2940	mV	PASS	Checked over TCP.
HOUT5[45%] check	5029	3780	mV	PASS	Checked over TCP.
HOUT5[55%] check	4916	4620	mV	PASS	Checked over TCP.
HOUT5[65%] check	4506	5460	mV	PASS	Checked over TCP.
HOUT5[75%] check	5639	6300	mV	PASS	Checked over TCP.
HOUT5[85%] check	6962	7140	mV	PASS	Checked over TCP.
HOUT5[95%] check	7905	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT5[5%] check	483	420	mV	PASS	Checked over TCP.
HOUT5[15%] check	1157	1260	mV	PASS	Checked over TCP.
HOUT5[25%] check	2231	2100	mV	PASS	Checked over TCP.
HOUT5[35%] check	3115	2940	mV	PASS	Checked over TCP.
HOUT5[45%] check	3681	3780	mV	PASS	Checked over TCP.
HOUT5[55%] check	4863	4620	mV	PASS	Checked over TCP.
HOUT5[65%] check	5458	5460	mV	PASS	Checked over TCP.
HOUT5[75%] check	6215	6300	mV	PASS	Checked over TCP.
HOUT5[85%] check	7114	7140	mV	PASS	Checked over TCP.
HOUT5[95%] check	7998	7980	mV	PASS	Checked over TCP.

HOUT - period: 50 us, tolerance: 500 mV.
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Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT5[5%] check	668	420	mV	PASS	Checked over TCP.
HOUT5[15%] check	1542	1260	mV	PASS	Checked over TCP.
HOUT5[25%] check	2358	2100	mV	PASS	Checked over TCP.
HOUT5[35%] check	3178	2940	mV	PASS	Checked over TCP.
HOUT5[45%] check	3984	3780	mV	PASS	Checked over TCP.
HOUT5[55%] check	4941	4620	mV	PASS	Checked over TCP.
HOUT5[65%] check	5751	5460	mV	PASS	Checked over TCP.
HOUT5[75%] check	6562	6300	mV	PASS	Checked over TCP.
HOUT5[85%] check	7446	7140	mV	PASS	Checked over TCP.
HOUT5[95%] check	8271	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	415	420	mV	PASS	Checked over TCP.
HOUT6[15%] check	1621	1260	mV	PASS	Checked over TCP.
HOUT6[25%] check	2099	2100	mV	PASS	Checked over TCP.
HOUT6[35%] check	1752	2940	mV	PASS	Checked over TCP.
HOUT6[45%] check	3740	3780	mV	PASS	Checked over TCP.
HOUT6[55%] check	5395	4620	mV	PASS	Checked over TCP.
HOUT6[65%] check	5131	5460	mV	PASS	Checked over TCP.
HOUT6[75%] check	7270	6300	mV	PASS	Checked over TCP.
HOUT6[85%] check	6591	7140	mV	PASS	Checked over TCP.
HOUT6[95%] check	8125	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT6[5%] check	400	420	mV	PASS	Checked over TCP.
HOUT6[15%] check	1362	1260	mV	PASS	Checked over TCP.
HOUT6[25%] check	1972	2100	mV	PASS	Checked over TCP.
HOUT6[35%] check	3120	2940	mV	PASS	Checked over TCP.
HOUT6[45%] check	4003	3780	mV	PASS	Checked over TCP.
HOUT6[55%] check	4506	4620	mV	PASS	Checked over TCP.
HOUT6[65%] check	5693	5460	mV	PASS	Checked over TCP.
HOUT6[75%] check	6215	6300	mV	PASS	Checked over TCP.
HOUT6[85%] check	7089	7140	mV	PASS	Checked over TCP.
HOUT6[95%] check	8017	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT6[5%] check	678	420	mV	PASS	Checked over TCP.
HOUT6[15%] check	1538	1260	mV	PASS	Checked over TCP.
HOUT6[25%] check	2358	2100	mV	PASS	Checked over TCP.
HOUT6[35%] check	3203	2940	mV	PASS	Checked over TCP.
HOUT6[45%] check	3984	3780	mV	PASS	Checked over TCP.
HOUT6[55%] check	4936	4620	mV	PASS	Checked over TCP.
HOUT6[65%] check	5742	5460	mV	PASS	Checked over TCP.
HOUT6[75%] check	6562	6300	mV	PASS	Checked over TCP.
HOUT6[85%] check	7377	7140	mV	PASS	Checked over TCP.
HOUT6[95%] check	8266	7980	mV	PASS	Checked over TCP.

HOUT6 stop.

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

4.5 Group - HBR

Group -Valuation	PASS
Group -Start-/Execution-Time	2013-08-19 15:55:09 / 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 15:55:09 / 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 15:55:09 / 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.
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 -- 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.
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.

52 / 108

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.

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.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%]	[1044, 19]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [20%]	[1396, 19]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [30%]	[3452, 24]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [40%]	[2187, 24]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [50%]	[5395, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [60%]	[5629, 19]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [70%]	[6298, 19]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [80%]	[7529, 24]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [90%]	[7851, 24]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [100%]	[8344, 9]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-100%]	[8354, 29]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-90%]	[7905, 19]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-80%]	[6621, 19]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-70%]	[6752, 24]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-60%]	[3847, 19]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-50%]	[4956, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-40%]	[3530, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-30%]	[2285, 24]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-20%]	[1499, -14]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-10%]	[1186, 4]	[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%]	[859, 24]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [20%]	[1655, 19]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [30%]	[2587, 19]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [40%]	[3388, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [50%]	[4208, 24]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [60%]	[5078, 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%]	[6689, 19]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [90%]	[7529, 19]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [100%]	[8344, 9]	[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%]	[7548, 19]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-80%]	[6733, 29]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-70%]	[5922, 24]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-60%]	[5043, 19]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-50%]	[4184, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-40%]	[3349, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-30%]	[2558, 19]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-20%]	[1704, 24]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-10%]	[883, 24]	[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, 19]	[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, 14]	[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%]	[4272, 24]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [60%]	[5087, 24]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [70%]	[5849, 0]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [80%]	[6699, 29]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [90%]	[7504, 24]	[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%]	[7539, 0]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-80%]	[6733, 14]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-70%]	[5917, 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%]	[4287, 24]	[4200, 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 [-30%]	[2539, 24]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-20%]	[1748, 19]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-10%]	[917, 24]	[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.

4.6 Group - ADIN

Group -Valuation	PASS
Group -Start-/Execution-Time	2013-08-19 15:55:11 / 00:00:00:07
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 15:55:11 / 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

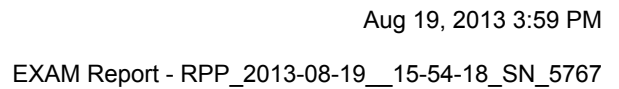
Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	PASS
Test -Start-/Execution-Time	2013-08-19 15:55:11 / 00:00:00:07
Test -Description	
ADIN testcase: TCP server sets various output voltages on hummusoft card (analog out). The voltage is brought to selected ADIN pin. To the surrounding pins are 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 -- RPPTTest.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 -- 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
This sequence sets voltage generated by hummusoft card (analog out).

62 / 108

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

[illegible]

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.setVoltage
This sequence sets voltage generated by hummusoft card (analog out).

68 / 108

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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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).
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[illegible]

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.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	0.5475	0	V	PASS	Check voltage over RS232
ADIN1	1.0325	1	V	PASS	Check voltage over RS232
ADIN1	1.9675	2	V	PASS	Check voltage over RS232
ADIN1	2.9575	3	V	PASS	Check voltage over RS232
ADIN1	3.9375	4	V	PASS	Check voltage over RS232
ADIN1	4.9225	5	V	PASS	Check voltage over RS232
ADIN1	5.9025	6	V	PASS	Check voltage over RS232
ADIN1	6.8875	7	V	PASS	Check voltage over RS232
ADIN1	7.8725	8	V	PASS	Check voltage over RS232
ADIN1	8.8725	9	V	PASS	Check voltage over RS232
ADIN1	9.8425	10	V	PASS	Check voltage over RS232
ADIN2 [tolerance: 0.3 V]					

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN2	0.5575	0	V	PASS	Check voltage over RS232
ADIN2	1.0325	1	V	PASS	Check voltage over RS232
ADIN2	1.9625	2	V	PASS	Check voltage over RS232
ADIN2	2.9425	3	V	PASS	Check voltage over RS232
ADIN2	3.9275	4	V	PASS	Check voltage over RS232
ADIN2	4.9175	5	V	PASS	Check voltage over RS232
ADIN2	5.8925	6	V	PASS	Check voltage over RS232
ADIN2	6.8875	7	V	PASS	Check voltage over RS232
ADIN2	7.8675	8	V	PASS	Check voltage over RS232
ADIN2	8.8575	9	V	PASS	Check voltage over RS232
ADIN2	9.8275	10	V	PASS	Check voltage over RS232

ADIN3 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN3	0.5375	0	V	PASS	Check voltage over RS232
ADIN3	1.0275	1	V	PASS	Check voltage over RS232
ADIN3	1.9525	2	V	PASS	Check voltage over RS232
ADIN3	2.9375	3	V	PASS	Check voltage over RS232
ADIN3	3.9175	4	V	PASS	Check voltage over RS232
ADIN3	4.9075	5	V	PASS	Check voltage over RS232
ADIN3	5.8825	6	V	PASS	Check voltage over RS232
ADIN3	6.8675	7	V	PASS	Check voltage over RS232
ADIN3	7.8475	8	V	PASS	Check voltage over RS232
ADIN3	8.8275	9	V	PASS	Check voltage over RS232
ADIN3	9.8075	10	V	PASS	Check voltage over RS232

ADIN4 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN4	0.5575	0	V	PASS	Check voltage over RS232
ADIN4	1.0375	1	V	PASS	Check voltage over RS232
ADIN4	1.9675	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	4.9225	5	V	PASS	Check voltage over RS232
ADIN4	5.8975	6	V	PASS	Check voltage over RS232
ADIN4	6.8825	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	9.8175	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	1.0325	1	V	PASS	Check voltage over RS232
ADIN5	1.9475	2	V	PASS	Check voltage over RS232
ADIN5	2.9325	3	V	PASS	Check voltage over RS232
ADIN5	3.9025	4	V	PASS	Check voltage over RS232
ADIN5	4.8775	5	V	PASS	Check voltage over RS232
ADIN5	5.8575	6	V	PASS	Check voltage over RS232
ADIN5	6.8375	7	V	PASS	Check voltage over RS232
ADIN5	7.8125	8	V	PASS	Check voltage over RS232
ADIN5	8.7925	9	V	PASS	Check voltage over RS232
ADIN5	9.7625	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	1.0325	1	V	PASS	Check voltage over RS232
ADIN6	1.9575	2	V	PASS	Check voltage over RS232
ADIN6	2.9425	3	V	PASS	Check voltage over RS232
ADIN6	3.9175	4	V	PASS	Check voltage over RS232
ADIN6	4.9075	5	V	PASS	Check voltage over RS232
ADIN6	5.8825	6	V	PASS	Check voltage over RS232
ADIN6	6.8625	7	V	PASS	Check voltage over RS232
ADIN6	7.8475	8	V	PASS	Check voltage over RS232
ADIN6	8.8375	9	V	PASS	Check voltage over RS232
ADIN6	9.8075	10	V	PASS	Check voltage over RS232

ADIN7 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN7	0.5675	0	V	PASS	Check voltage over RS232
ADIN7	1.0475	1	V	PASS	Check voltage over RS232
ADIN7	1.9675	2	V	PASS	Check voltage over RS232
ADIN7	2.9525	3	V	PASS	Check voltage over RS232
ADIN7	3.9375	4	V	PASS	Check voltage over RS232
ADIN7	4.9175	5	V	PASS	Check voltage over RS232
ADIN7	5.8975	6	V	PASS	Check voltage over RS232
ADIN7	6.8875	7	V	PASS	Check voltage over RS232
ADIN7	7.8725	8	V	PASS	Check voltage over RS232
ADIN7	8.8525	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	1.9525	2	V	PASS	Check voltage over RS232
ADIN8	2.9325	3	V	PASS	Check voltage over RS232
ADIN8	3.9125	4	V	PASS	Check voltage over RS232
ADIN8	4.8975	5	V	PASS	Check voltage over RS232
ADIN8	5.8725	6	V	PASS	Check voltage over RS232
ADIN8	6.8525	7	V	PASS	Check voltage over RS232
ADIN8	7.8325	8	V	PASS	Check voltage over RS232
ADIN8	8.8175	9	V	PASS	Check voltage over RS232
ADIN8	9.7875	10	V	PASS	Check voltage over RS232

ADIN9 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN9	0.5575	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	2.9425	3	V	PASS	Check voltage over RS232
ADIN9	3.9275	4	V	PASS	Check voltage over RS232
ADIN9	4.9125	5	V	PASS	Check voltage over RS232
ADIN9	5.8925	6	V	PASS	Check voltage over RS232
ADIN9	6.8775	7	V	PASS	Check voltage over RS232
ADIN9	7.8725	8	V	PASS	Check voltage over RS232
ADIN9	8.8525	9	V	PASS	Check voltage over RS232
ADIN9	9.8375	10	V	PASS	Check voltage over RS232

ADIN10 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN10	0.5725	0	V	PASS	Check voltage over RS232
ADIN10	1.0475	1	V	PASS	Check voltage over RS232
ADIN10	1.9725	2	V	PASS	Check voltage over RS232
ADIN10	2.9675	3	V	PASS	Check voltage over RS232
ADIN10	3.9425	4	V	PASS	Check voltage over RS232
ADIN10	4.9375	5	V	PASS	Check voltage over RS232
ADIN10	5.9125	6	V	PASS	Check voltage over RS232
ADIN10	6.8975	7	V	PASS	Check voltage over RS232
ADIN10	7.8825	8	V	PASS	Check voltage over RS232
ADIN10	8.8675	9	V	PASS	Check voltage over RS232
ADIN10	9.8475	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	1.0375	1	V	PASS	Check voltage over RS232
ADIN11	1.9675	2	V	PASS	Check voltage over RS232
ADIN11	2.9525	3	V	PASS	Check voltage over RS232
ADIN11	3.9375	4	V	PASS	Check voltage over RS232
ADIN11	4.9275	5	V	PASS	Check voltage over RS232
ADIN11	5.9025	6	V	PASS	Check voltage over RS232
ADIN11	6.8925	7	V	PASS	Check voltage over RS232
ADIN11	7.8825	8	V	PASS	Check voltage over RS232
ADIN11	8.8625	9	V	PASS	Check voltage over RS232
ADIN11	9.8475	10	V	PASS	Check voltage over RS232

ADIN12 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN12	0.5725	0	V	PASS	Check voltage over RS232
ADIN12	1.0425	1	V	PASS	Check voltage over RS232
ADIN12	1.9675	2	V	PASS	Check voltage over RS232
ADIN12	2.9525	3	V	PASS	Check voltage over RS232
ADIN12	3.9325	4	V	PASS	Check voltage over RS232
ADIN12	4.9225	5	V	PASS	Check voltage over RS232
ADIN12	5.8975	6	V	PASS	Check voltage over RS232
ADIN12	6.8825	7	V	PASS	Check voltage over RS232
ADIN12	7.8575	8	V	PASS	Check voltage over RS232
ADIN12	8.8475	9	V	PASS	Check voltage over RS232
ADIN12	9.8275	10	V	PASS	Check voltage over RS232

4.7 Group - DIN0to7

Group -Valuation	FAIL
Group -Start-/Execution-Time	2013-08-19 15:55:18 / 00:00:00:10
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 15:55:18 / 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	FAIL
Test -Start-/Execution-Time	2013-08-19 15:55:18 / 00:00:00:09
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
DIN0to7 testcase: This test case consists of two parts. 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. The second part tests connected DIN0-7 periphery. RPP board reads digital signals generated by hummusoft card (digital out).
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

[illegible]

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

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Test flow -- RPPTTest.pins.DIN._0to7.testSequences.setHumDOUT
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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
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This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
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This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
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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	1	0	logical	FAIL	[pullType : 0, active: 1]
DIN1 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN1 check	1	0	logical	FAIL	[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	1	0	logical	FAIL	[pullType : 1, active: 1]
DIN3 check	1	0	logical	FAIL	[pullType : 0, active: 1]
DIN4 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN4 check	1	0	logical	FAIL	[pullType : 0, active: 1]
DIN5 check	0	0	logical	PASS	[pullType : 1, active: 1]
DIN5 check	1	0	logical	FAIL	[pullType : 0, active: 1]
DIN6 check	1	0	logical	FAIL	[pullType : 1, active: 1]
DIN6 check	1	0	logical	FAIL	[pullType : 0, active: 1]
DIN7 check	1	0	logical	FAIL	[pullType : 1, active: 1]
DIN7 check	1	0	logical	FAIL	[pullType : 0, active: 1]
DIN0-7 connected.					

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
DIN0 check	1	0	logical	FAIL	[pullType : 0, active: 0]
DIN0 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN1 check	1	0	logical	FAIL	[pullType : 0, active: 0]
DIN1 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN2 check	1	0	logical	FAIL	[pullType : 0, active: 0]
DIN2 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN3 check	1	0	logical	FAIL	[pullType : 0, active: 0]
DIN3 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN4 check	1	0	logical	FAIL	[pullType : 0, active: 0]
DIN4 check	1	1	logical	PASS	[pullType : 0, active: 0]
DIN5 check	1	0	logical	FAIL	[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	FAIL
Group -Start-/Execution-Time	2013-08-19 15:55:28 / 00:00:00:12
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 15:55:28 / 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	FAIL
Test -Start-/Execution-Time	2013-08-19 15:55:28 / 00:00:00:12
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

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
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

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

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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	1	0	logical	FAIL	[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	0	1	logical	FAIL	Voltage: 0 V.
DIN14 check	0	1	logical	FAIL	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 15:55:41 / 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 15:55:41 / 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 -- RPPTTest.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 15:55:41 / 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.
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.
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.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 -- 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 -- 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.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]	-39	0	mV	PASS	Check voltage over TCP.
DAC1set	2000	2000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	2026	2000	mV	PASS	Check voltage over TCP.
DAC1set	4000	4000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	4062	4000	mV	PASS	Check voltage over TCP.
DAC1set	6000	6000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	6098	6000	mV	PASS	Check voltage over TCP.
DAC1set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	8139	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]	19	0	mV	PASS	Check voltage over TCP.
DAC2set	2000	2000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	2075	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]	6157	6000	mV	PASS	Check voltage over TCP.
DAC2set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	8076	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]	14	0	mV	PASS	Check voltage over TCP.
DAC3set	2000	2000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	1948	2000	mV	PASS	Check voltage over TCP.
DAC3set	4000	4000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	3979	4000	mV	PASS	Check voltage over TCP.
DAC3set	6000	6000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	6054	6000	mV	PASS	Check voltage over TCP.
DAC3set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	8168	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]	1958	2000	mV	PASS	Check voltage over TCP.
DAC4set	4000	4000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	4003	4000	mV	PASS	Check voltage over TCP.
DAC4set	6000	6000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	6040	6000	mV	PASS	Check voltage over TCP.
DAC4set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	8037	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 15:55:42 / 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 15:55:42 / 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.