EXAM Testreport

Starttime	17:12:22 19. August 2013
Title	General tests
Project	RPP tests
Department	ČVUT FEL
Subject	5768
Operator	
Phone	
Mail	hubnepa1@fel.cvut.cz
Comment	

RPP_2013-08-19__17-12-22_SN_5768

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

1. General-Data

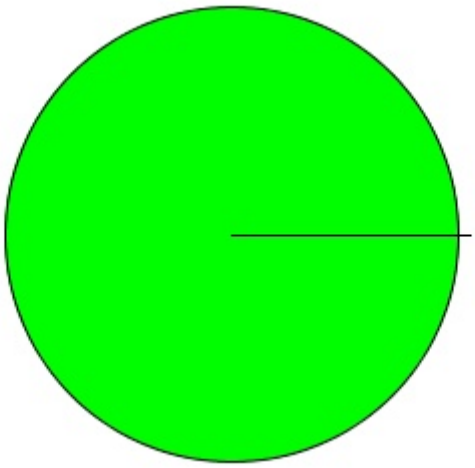
(default)	
mail	hubnepa1@fel.cvut.cz
project	RPP tests
title	General tests
subject	5768
department	ČVUT FEL
CodeSync	
Date of last code synchronization	2013-08-19 17:11:35
SystemConfigurations	
RPPTest.EnvironmentConfig	
Versions	
Environment	
Modules	
de.exam.testrunner.modules.core	3.1.5
de.tracetronic.exam.tracecheck	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:	00:00:00:55

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



fail: 0 tests = 0.00%

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	PASS	
4.7.1 Test - initDIN0to7	INFO	---
4.7.2 Test - DIN0to7	PASS	---
4.8 Group - DIN8to15	PASS	
4.8.1 Test - initDIN8to15	INFO	---
4.8.2 Test - DIN8to15	PASS	---
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 17:12:22 / 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 17:12:22 / 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 -- RPPTest.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 17:12:23 / 00:00:00:02
Group -Description	
Runs LOUT periphery tests.	

4.2.1 Test - initLOUT

Test -Full-Scoped-Name :	Full Scoped Name

Test -Valuation	INFO
Test -Start-/-Execution-Time	2013-08-19 17:12:23 / 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 -- RPPTest.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 17:12:23 / 00:00:00:02
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 -- RPPTest.pins.LOUT.testCases.LOUT
LOUT testcase: RPP board generates digital signals measured by hummusoft card (digital in).
Test flow -- RPPTest.pins.LOUT.testSequences.setLogValue
This sequence sets logical values to the LOUT pin.
Test flow -- RPPTest.pins.LOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTest.pins.LOUT.testSequences.checkValueOverTCP
This sequence reads the LOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTest.pins.LOUT.testSequences.setLogValue
This sequence sets logical values to the LOUT pin.
Test flow -- RPPTest.pins.LOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
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This sequence checks if the logical value is set.
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Test flow -- RPPTest.pins.LOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.

Test flow -- RPPTest.pins.LOUT.testSequences.checkValueOverTCP
This sequence reads the LOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTest.pins.LOUT.testSequences.setLogValue
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Test flow -- RPPTest.pins.LOUT.testSequences.checkValueOverRS232
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Test flow -- RPPTest.pins.LOUT.testSequences.checkValueOverTCP
This sequence reads the LOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTest.pins.LOUT.testSequences.setLogValue
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This sequence reads the LOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTest.pins.LOUT.testSequences.setLogValue
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Test flow -- RPPTest.pins.LOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTest.pins.LOUT.testSequences.checkValueOverTCP
This sequence reads the LOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTest.pins.LOUT.testSequences.setLogValue
This sequence sets logical values to the LOUT pin.
Test flow -- RPPTest.pins.LOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTest.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 17:12:26 / 00:00:00:04
Group -Description	
Runs MOUT periphery tests.	

4.3.1 Test - initMOUT

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO
Test -Start-/-Execution-Time	2013-08-19 17:12:26 / 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 -- RPPTest.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 17:12:26 / 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 -- RPPTest.pins.MOUT.testCases.MOUT
LOUT testcase: RPP board generates digital signals measured by hummusoft card (digital in).
Test flow -- RPPTest.pins.MOUT.testSequences.setLogValue
This sequence sets logical values to the MOUT pin.
Test flow -- RPPTest.pins.MOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTest.pins.MOUT.testSequences.checkValueOverTCP
This sequence reads the MOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTest.pins.MOUT.testSequences.setLogValue
This sequence sets logical values to the MOUT pin.
Test flow -- RPPTest.pins.MOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTest.pins.MOUT.testSequences.checkValueOverTCP
This sequence reads the MOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTest.pins.MOUT.testSequences.setLogValue
This sequence sets logical values to the MOUT pin.
Test flow -- RPPTest.pins.MOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTest.pins.MOUT.testSequences.checkValueOverTCP
This sequence reads the MOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTest.pins.MOUT.testSequences.setLogValue
This sequence sets logical values to the MOUT pin.
Test flow -- RPPTest.pins.MOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTest.pins.MOUT.testSequences.checkValueOverTCP
This sequence reads the MOUT periphery by hummusoft cards (digital in).

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

Test flow -- RPPTest.pins.MOUT.testSequences.checkValueOverTCP
This sequence reads the MOUT periphery by hummusoft cards (digital in).
Test flow -- RPPTest.pins.MOUT.testSequences.setLogValue
This sequence sets logical values to the MOUT pin.
Test flow -- RPPTest.pins.MOUT.testSequences.checkValueOverRS232
This sequence checks if the logical value is set.
Test flow -- RPPTest.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 17:12:30 / 00:00:00:13
Group -Description	
Runs HOUT periphery tests.	

4.4.1 Test - initHOUT

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	INFO
Test -Start-/-Execution-Time	2013-08-19 17:12:30 / 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 17:12:30 / 00:00:00:13
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 -- RPPTest.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 -- RPPTest.pins.HOUT.testSequences.startPWM
This sequence starts generating of PWM.
Test flow -- RPPTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTest.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 -- RPPTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.

Test flow -- RPPTest.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 -- RPPTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTest.pins.HOUT.testSequences.stopPWM
This sequence stops generating of PWM.
Test flow -- RPPTest.pins.HOUT.testSequences.startPWM
This sequence starts generating of PWM.
Test flow -- RPPTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
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Test flow -- RPPTest.pins.HOUT.testSequences.stopPWM
This sequence stops generating of PWM.
Test flow -- RPPTest.pins.HOUT.testSequences.startPWM
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Test flow -- RPPTest.pins.HOUT.testSequences.setPWM
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This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTest.pins.HOUT.testSequences.setPWM
This sequence sets period and duty cycle of PWM.
Test flow -- RPPTest.pins.HOUT.testSequences.checkPWM
This sequence determinates if the measured voltage corresponds to the set period and duty cycle of HOUT bridge.
Test flow -- RPPTest.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	239	420	mV	PASS	Checked over TCP.
HOUT1[15%] check	532	1260	mV	PASS	Checked over TCP.
HOUT1[25%] check	1030	2100	mV	PASS	Checked over TCP.
HOUT1[35%] check	3320	2940	mV	PASS	Checked over TCP.
HOUT1[45%] check	2451	3780	mV	PASS	Checked over TCP.
HOUT1[55%] check	3413	4620	mV	PASS	Checked over TCP.
HOUT1[65%] check	4702	5460	mV	PASS	Checked over TCP.
HOUT1[75%] check	5693	6300	mV	PASS	Checked over TCP.
HOUT1[85%] check	6611	7140	mV	PASS	Checked over TCP.
HOUT1[95%] check	7807	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT1[5%] check	424	420	mV	PASS	Checked over TCP.
HOUT1[15%] check	1381	1260	mV	PASS	Checked over TCP.
HOUT1[25%] check	2226	2100	mV	PASS	Checked over TCP.
HOUT1[35%] check	2763	2940	mV	PASS	Checked over TCP.
HOUT1[45%] check	3979	3780	mV	PASS	Checked over TCP.
HOUT1[55%] check	4501	4620	mV	PASS	Checked over TCP.
HOUT1[65%] check	5317	5460	mV	PASS	Checked over TCP.
HOUT1[75%] check	6381	6300	mV	PASS	Checked over TCP.
HOUT1[85%] check	7221	7140	mV	PASS	Checked over TCP.
HOUT1[95%] check	7983	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT1[5%] check	654	420	mV	PASS	Checked over TCP.
HOUT1[15%] check	1542	1260	mV	PASS	Checked over TCP.
HOUT1[25%] check	2343	2100	mV	PASS	Checked over TCP.
HOUT1[35%] check	3164	2940	mV	PASS	Checked over TCP.
HOUT1[45%] check	3989	3780	mV	PASS	Checked over TCP.
HOUT1[55%] check	4921	4620	mV	PASS	Checked over TCP.
HOUT1[65%] check	5737	5460	mV	PASS	Checked over TCP.
HOUT1[75%] check	6552	6300	mV	PASS	Checked over TCP.
HOUT1[85%] check	7373	7140	mV	PASS	Checked over TCP.
HOUT1[95%] check	8251	7980	mV	PASS	Checked over TCP.

HOUT1 stop.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT1 stop	1	1	logical	PASS	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	390	420	mV	PASS	Checked over TCP.
HOUT2[15%] check	776	1260	mV	PASS	Checked over TCP.
HOUT2[25%] check	2949	2100	mV	PASS	Checked over TCP.
HOUT2[35%] check	3310	2940	mV	PASS	Checked over TCP.
HOUT2[45%] check	4350	3780	mV	PASS	Checked over TCP.
HOUT2[55%] check	3515	4620	mV	PASS	Checked over TCP.
HOUT2[65%] check	5332	5460	mV	PASS	Checked over TCP.
HOUT2[75%] check	5600	6300	mV	PASS	Checked over TCP.
HOUT2[85%] check	6962	7140	mV	PASS	Checked over TCP.
HOUT2[95%] check	8037	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT2[5%] check	463	420	mV	PASS	Checked over TCP.
HOUT2[15%] check	1372	1260	mV	PASS	Checked over TCP.
HOUT2[25%] check	1958	2100	mV	PASS	Checked over TCP.
HOUT2[35%] check	3144	2940	mV	PASS	Checked over TCP.
HOUT2[45%] check	4018	3780	mV	PASS	Checked over TCP.
HOUT2[55%] check	4467	4620	mV	PASS	Checked over TCP.
HOUT2[65%] check	5581	5460	mV	PASS	Checked over TCP.
HOUT2[75%] check	6220	6300	mV	PASS	Checked over TCP.
HOUT2[85%] check	7143	7140	mV	PASS	Checked over TCP.
HOUT2[95%] check	7998	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT2[5%] check	664	420	mV	PASS	Checked over TCP.
HOUT2[15%] check	1538	1260	mV	PASS	Checked over TCP.
HOUT2[25%] check	2348	2100	mV	PASS	Checked over TCP.
HOUT2[35%] check	3164	2940	mV	PASS	Checked over TCP.
HOUT2[45%] check	3984	3780	mV	PASS	Checked over TCP.
HOUT2[55%] check	4882	4620	mV	PASS	Checked over TCP.
HOUT2[65%] check	5737	5460	mV	PASS	Checked over TCP.
HOUT2[75%] check	6557	6300	mV	PASS	Checked over TCP.
HOUT2[85%] check	7377	7140	mV	PASS	Checked over TCP.
HOUT2[95%] check	8261	7980	mV	PASS	Checked over TCP.

HOUT2 stop.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT2 stop	1	1	logical	PASS	Houtstoppwm 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	615	420	mV	PASS	Checked over TCP.
HOUT3[15%] check	1020	1260	mV	PASS	Checked over TCP.
HOUT3[25%] check	1621	2100	mV	PASS	Checked over TCP.
HOUT3[35%] check	2622	2940	mV	PASS	Checked over TCP.
HOUT3[45%] check	5019	3780	mV	PASS	Checked over TCP.
HOUT3[55%] check	5854	4620	mV	PASS	Checked over TCP.
HOUT3[65%] check	5429	5460	mV	PASS	Checked over TCP.
HOUT3[75%] check	7006	6300	mV	PASS	Checked over TCP.
HOUT3[85%] check	7084	7140	mV	PASS	Checked over TCP.
HOUT3[95%] check	7812	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT3[5%] check	493	420	mV	PASS	Checked over TCP.
HOUT3[15%] check	1166	1260	mV	PASS	Checked over TCP.
HOUT3[25%] check	2080	2100	mV	PASS	Checked over TCP.
HOUT3[35%] check	2885	2940	mV	PASS	Checked over TCP.
HOUT3[45%] check	3720	3780	mV	PASS	Checked over TCP.
HOUT3[55%] check	4804	4620	mV	PASS	Checked over TCP.
HOUT3[65%] check	5625	5460	mV	PASS	Checked over TCP.
HOUT3[75%] check	6372	6300	mV	PASS	Checked over TCP.
HOUT3[85%] check	7172	7140	mV	PASS	Checked over TCP.
HOUT3[95%] check	8027	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT3[5%] check	659	420	mV	PASS	Checked over TCP.
HOUT3[15%] check	1538	1260	mV	PASS	Checked over TCP.
HOUT3[25%] check	2348	2100	mV	PASS	Checked over TCP.
HOUT3[35%] check	3168	2940	mV	PASS	Checked over TCP.
HOUT3[45%] check	3979	3780	mV	PASS	Checked over TCP.
HOUT3[55%] check	4931	4620	mV	PASS	Checked over TCP.
HOUT3[65%] check	5737	5460	mV	PASS	Checked over TCP.
HOUT3[75%] check	6557	6300	mV	PASS	Checked over TCP.
HOUT3[85%] check	7358	7140	mV	PASS	Checked over TCP.
HOUT3[95%] check	8261	7980	mV	PASS	Checked over TCP.

HOUT3 stop.

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT3 stop	1	1	logical	PASS	Houtstoppwm 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	507	420	mV	PASS	Checked over TCP.
HOUT4[15%] check	1528	1260	mV	PASS	Checked over TCP.
HOUT4[25%] check	2885	2100	mV	PASS	Checked over TCP.
HOUT4[35%] check	1777	2940	mV	PASS	Checked over TCP.
HOUT4[45%] check	3945	3780	mV	PASS	Checked over TCP.
HOUT4[55%] check	3603	4620	mV	PASS	Checked over TCP.
HOUT4[65%] check	4399	5460	mV	PASS	Checked over TCP.
HOUT4[75%] check	5654	6300	mV	PASS	Checked over TCP.
HOUT4[85%] check	7514	7140	mV	PASS	Checked over TCP.
HOUT4[95%] check	7827	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT4[5%] check	415	420	mV	PASS	Checked over TCP.
HOUT4[15%] check	1230	1260	mV	PASS	Checked over TCP.
HOUT4[25%] check	2246	2100	mV	PASS	Checked over TCP.
HOUT4[35%] check	2763	2940	mV	PASS	Checked over TCP.
HOUT4[45%] check	3593	3780	mV	PASS	Checked over TCP.
HOUT4[55%] check	4838	4620	mV	PASS	Checked over TCP.
HOUT4[65%] check	5317	5460	mV	PASS	Checked over TCP.
HOUT4[75%] check	6279	6300	mV	PASS	Checked over TCP.
HOUT4[85%] check	7070	7140	mV	PASS	Checked over TCP.
HOUT4[95%] check	8022	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT4[5%] check	629	420	mV	PASS	Checked over TCP.
HOUT4[15%] check	1518	1260	mV	PASS	Checked over TCP.
HOUT4[25%] check	2333	2100	mV	PASS	Checked over TCP.
HOUT4[35%] check	3139	2940	mV	PASS	Checked over TCP.
HOUT4[45%] check	3955	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	7343	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	512	420	mV	PASS	Checked over TCP.
HOUT5[15%] check	830	1260	mV	PASS	Checked over TCP.
HOUT5[25%] check	2944	2100	mV	PASS	Checked over TCP.
HOUT5[35%] check	3125	2940	mV	PASS	Checked over TCP.
HOUT5[45%] check	3540	3780	mV	PASS	Checked over TCP.
HOUT5[55%] check	4052	4620	mV	PASS	Checked over TCP.
HOUT5[65%] check	4711	5460	mV	PASS	Checked over TCP.
HOUT5[75%] check	6430	6300	mV	PASS	Checked over TCP.
HOUT5[85%] check	7392	7140	mV	PASS	Checked over TCP.
HOUT5[95%] check	8032	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT5[5%] check	454	420	mV	PASS	Checked over TCP.
HOUT5[15%] check	1352	1260	mV	PASS	Checked over TCP.
HOUT5[25%] check	2270	2100	mV	PASS	Checked over TCP.
HOUT5[35%] check	2929	2940	mV	PASS	Checked over TCP.
HOUT5[45%] check	4003	3780	mV	PASS	Checked over TCP.
HOUT5[55%] check	4497	4620	mV	PASS	Checked over TCP.
HOUT5[65%] check	5488	5460	mV	PASS	Checked over TCP.
HOUT5[75%] check	6376	6300	mV	PASS	Checked over TCP.
HOUT5[85%] check	7119	7140	mV	PASS	Checked over TCP.
HOUT5[95%] check	8012	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT5[5%] check	659	420	mV	PASS	Checked over TCP.
HOUT5[15%] check	1542	1260	mV	PASS	Checked over TCP.
HOUT5[25%] check	2353	2100	mV	PASS	Checked over TCP.
HOUT5[35%] check	3168	2940	mV	PASS	Checked over TCP.
HOUT5[45%] check	3979	3780	mV	PASS	Checked over TCP.
HOUT5[55%] check	4936	4620	mV	PASS	Checked over TCP.
HOUT5[65%] check	5747	5460	mV	PASS	Checked over TCP.
HOUT5[75%] check	6567	6300	mV	PASS	Checked over TCP.
HOUT5[85%] check	7387	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	Houtstoppwm command.

HOUT6 start

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT6 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
HOUT6[5%] check	639	420	mV	PASS	Checked over TCP.
HOUT6[15%] check	1250	1260	mV	PASS	Checked over TCP.
HOUT6[25%] check	2026	2100	mV	PASS	Checked over TCP.
HOUT6[35%] check	4072	2940	mV	PASS	Checked over TCP.
HOUT6[45%] check	2470	3780	mV	PASS	Checked over TCP.
HOUT6[55%] check	4204	4620	mV	PASS	Checked over TCP.
HOUT6[65%] check	6635	5460	mV	PASS	Checked over TCP.
HOUT6[75%] check	6787	6300	mV	PASS	Checked over TCP.
HOUT6[85%] check	7670	7140	mV	PASS	Checked over TCP.
HOUT6[95%] check	7788	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT6[5%] check	468	420	mV	PASS	Checked over TCP.
HOUT6[15%] check	1347	1260	mV	PASS	Checked over TCP.
HOUT6[25%] check	2187	2100	mV	PASS	Checked over TCP.
HOUT6[35%] check	2817	2940	mV	PASS	Checked over TCP.
HOUT6[45%] check	3603	3780	mV	PASS	Checked over TCP.
HOUT6[55%] check	4487	4620	mV	PASS	Checked over TCP.
HOUT6[65%] check	5351	5460	mV	PASS	Checked over TCP.
HOUT6[75%] check	6293	6300	mV	PASS	Checked over TCP.
HOUT6[85%] check	7084	7140	mV	PASS	Checked over TCP.
HOUT6[95%] check	7973	7980	mV	PASS	Checked over TCP.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HOUT6[5%] check	654	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	3168	2940	mV	PASS	Checked over TCP.
HOUT6[45%] check	3974	3780	mV	PASS	Checked over TCP.
HOUT6[55%] check	4926	4620	mV	PASS	Checked over TCP.
HOUT6[65%] check	5742	5460	mV	PASS	Checked over TCP.
HOUT6[75%] check	6552	6300	mV	PASS	Checked over TCP.
HOUT6[85%] check	7377	7140	mV	PASS	Checked over TCP.
HOUT6[95%] check	8256	7980	mV	PASS	Checked over TCP.

HOUT6 stop.

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

4.5 Group - HBR

Group -Valuation	PASS
Group -Start-/-Execution-Time	2013-08-19 17:12:43 / 00:00:00:02
Group -Description	
Runs HBR periphery tests.	

4.5.1 Test - initHBR

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	INFO
Test -Start-/-Execution-Time	2013-08-19 17:12:43 / 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 17:12:43 / 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 -- RPPTest.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 -- RPPTest.pins.HBR.testSequences.enablePin
This sequence enables HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
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
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Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
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Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
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Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
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Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.disablePin
This sequence disables HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.enablePin
This sequence enables HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
This sequence sets duty cycle of HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
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Test flow -- RPPTest.pins.HBR.testSequences.checkVoltage
Test flow -- RPPTest.pins.HBR.testSequences.disablePin
This sequence disables HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.enablePin
This sequence enables HBR bridge.
Test flow -- RPPTest.pins.HBR.testSequences.setDutyCycle
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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%]	[678, 29]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [20%]	[2207, 19]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [30%]	[3417, 19]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [40%]	[2543, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [50%]	[4794, 24]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [60%]	[5019, 24]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [70%]	[6958, 24]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [80%]	[6328, 19]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [90%]	[7875, 24]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [100%]	[8344, 24]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-100%]	[8359, 24]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-90%]	[7187, 24]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-80%]	[6005, 19]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-70%]	[6982, 24]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-60%]	[6025, 24]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-50%]	[2895, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-40%]	[4038, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-30%]	[2846, 19]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-20%]	[839, 19]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-10%]	[366, 19]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [0%]	[19, 24]	[0, 0]	mV	PASS	Active half of bridge is always wrote down first.

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

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
HBR [10%]	[878, 19]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [20%]	[1718, 24]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [30%]	[2553, 19]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [40%]	[3403, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [50%]	[4218, 19]	[4200, 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 [70%]	[5854, 19]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [80%]	[6713, 78]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [90%]	[7519, 19]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [100%]	[8344, 19]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-100%]	[8364, 24]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-90%]	[7573, 19]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-80%]	[6748, 19]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-70%]	[5903, 19]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-60%]	[5000, 19]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-50%]	[4179, 24]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-40%]	[3417, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-30%]	[2509, 19]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-20%]	[1723, 24]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-10%]	[878, 24]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [0%]	[19, 19]	[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%]	[903, 19]	[840, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [20%]	[1713, 24]	[1680, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [30%]	[2514, 24]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [40%]	[3325, 19]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [50%]	[4272, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [60%]	[5083, 24]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [70%]	[5888, 24]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [80%]	[6694, 19]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [90%]	[7500, 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%]	[8359, 24]	[8400, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-90%]	[7539, 24]	[7560, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-80%]	[6728, 19]	[6720, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-70%]	[5908, 39]	[5880, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-60%]	[5112, 24]	[5040, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-50%]	[4301, 19]	[4200, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-40%]	[3354, 24]	[3360, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-30%]	[2543, 19]	[2520, 0]	mV	PASS	Active half of bridge is always wrote down first.
HBR [-20%]	[1738, 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 17:12:45 / 00:00:00:07
Group -Description	
Runs ADIN periphery tests.	

4.6.1 Test - initADIN

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	INFO
Test -Start-/-Execution-Time	2013-08-19 17:12:45 / 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 -- RPPTest.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 17:12:46 / 00:00:00:07
Test -Description	
ADIN testcase: TCP server sets varius output voltages on hummusoft card (analog out). The voltage is brought to selected ADIN pin. To the surrounding pins are brought different voltages to see if it caused any interference to measured pin. All even-numbered pins are connected, likewise are connected all odd-numbered pins. The maximum measured voltage is 10 V.	

4.6.2 ADIN -- Metadata

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

4.6.2 ADIN -- Run

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

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

Test flow -- RPPTest.pins.ADIN.testSequences.checkVoltage
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4.6.2 ADIN -- Subtest

ADIN1 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN1	0.5825	0	V	PASS	Check voltage over RS232
ADIN1	1.0425	1	V	PASS	Check voltage over RS232
ADIN1	1.9525	2	V	PASS	Check voltage over RS232
ADIN1	2.9325	3	V	PASS	Check voltage over RS232
ADIN1	3.9075	4	V	PASS	Check voltage over RS232
ADIN1	4.8825	5	V	PASS	Check voltage over RS232
ADIN1	5.8525	6	V	PASS	Check voltage over RS232
ADIN1	6.8325	7	V	PASS	Check voltage over RS232
ADIN1	7.8025	8	V	PASS	Check voltage over RS232
ADIN1	8.7825	9	V	PASS	Check voltage over RS232
ADIN1	9.7525	10	V	PASS	Check voltage over RS232

ADIN2 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN2	0.5775	0	V	PASS	Check voltage over RS232
ADIN2	1.0375	1	V	PASS	Check voltage over RS232
ADIN2	1.9575	2	V	PASS	Check voltage over RS232
ADIN2	2.9375	3	V	PASS	Check voltage over RS232
ADIN2	3.9175	4	V	PASS	Check voltage over RS232
ADIN2	4.8975	5	V	PASS	Check voltage over RS232
ADIN2	5.8825	6	V	PASS	Check voltage over RS232
ADIN2	6.8575	7	V	PASS	Check voltage over RS232
ADIN2	7.8425	8	V	PASS	Check voltage over RS232
ADIN2	8.8275	9	V	PASS	Check voltage over RS232
ADIN2	9.8025	10	V	PASS	Check voltage over RS232

ADIN3 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN3	0.5725	0	V	PASS	Check voltage over RS232
ADIN3	1.0325	1	V	PASS	Check voltage over RS232
ADIN3	1.9475	2	V	PASS	Check voltage over RS232
ADIN3	2.9275	3	V	PASS	Check voltage over RS232
ADIN3	3.9025	4	V	PASS	Check voltage over RS232
ADIN3	4.8875	5	V	PASS	Check voltage over RS232
ADIN3	5.8625	6	V	PASS	Check voltage over RS232
ADIN3	6.8425	7	V	PASS	Check voltage over RS232
ADIN3	7.8225	8	V	PASS	Check voltage over RS232
ADIN3	8.8025	9	V	PASS	Check voltage over RS232
ADIN3	9.7775	10	V	PASS	Check voltage over RS232

ADIN4 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN4	0.5575	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	2.9525	3	V	PASS	Check voltage over RS232
ADIN4	3.9325	4	V	PASS	Check voltage over RS232
ADIN4	4.9225	5	V	PASS	Check voltage over RS232
ADIN4	5.9025	6	V	PASS	Check voltage over RS232
ADIN4	6.8875	7	V	PASS	Check voltage over RS232
ADIN4	7.8725	8	V	PASS	Check voltage over RS232
ADIN4	8.8575	9	V	PASS	Check voltage over RS232
ADIN4	9.8375	10	V	PASS	Check voltage over RS232

ADIN5 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN5	0.5425	0	V	PASS	Check voltage over RS232
ADIN5	1.0225	1	V	PASS	Check voltage over RS232
ADIN5	1.9475	2	V	PASS	Check voltage over RS232
ADIN5	2.9275	3	V	PASS	Check voltage over RS232
ADIN5	3.9075	4	V	PASS	Check voltage over RS232
ADIN5	4.8975	5	V	PASS	Check voltage over RS232
ADIN5	5.8775	6	V	PASS	Check voltage over RS232
ADIN5	6.8575	7	V	PASS	Check voltage over RS232
ADIN5	7.8375	8	V	PASS	Check voltage over RS232
ADIN5	8.8225	9	V	PASS	Check voltage over RS232
ADIN5	9.8025	10	V	PASS	Check voltage over RS232

ADIN6 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN6	0.5575	0	V	PASS	Check voltage over RS232
ADIN6	1.0375	1	V	PASS	Check voltage over RS232
ADIN6	1.9625	2	V	PASS	Check voltage over RS232
ADIN6	2.9425	3	V	PASS	Check voltage over RS232
ADIN6	3.9225	4	V	PASS	Check voltage over RS232
ADIN6	4.9075	5	V	PASS	Check voltage over RS232
ADIN6	5.8975	6	V	PASS	Check voltage over RS232
ADIN6	6.8625	7	V	PASS	Check voltage over RS232
ADIN6	7.8525	8	V	PASS	Check voltage over RS232
ADIN6	8.8375	9	V	PASS	Check voltage over RS232
ADIN6	9.8025	10	V	PASS	Check voltage over RS232

ADIN7 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN7	0.5525	0	V	PASS	Check voltage over RS232
ADIN7	1.0425	1	V	PASS	Check voltage over RS232
ADIN7	1.9625	2	V	PASS	Check voltage over RS232
ADIN7	2.9575	3	V	PASS	Check voltage over RS232
ADIN7	3.9275	4	V	PASS	Check voltage over RS232
ADIN7	4.9225	5	V	PASS	Check voltage over RS232
ADIN7	5.8975	6	V	PASS	Check voltage over RS232
ADIN7	6.8825	7	V	PASS	Check voltage over RS232
ADIN7	7.8675	8	V	PASS	Check voltage over RS232
ADIN7	8.8575	9	V	PASS	Check voltage over RS232
ADIN7	9.8425	10	V	PASS	Check voltage over RS232

ADIN8 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN8	0.5575	0	V	PASS	Check voltage over RS232
ADIN8	1.0425	1	V	PASS	Check voltage over RS232
ADIN8	1.9625	2	V	PASS	Check voltage over RS232
ADIN8	2.9475	3	V	PASS	Check voltage over RS232
ADIN8	3.9225	4	V	PASS	Check voltage over RS232
ADIN8	4.9125	5	V	PASS	Check voltage over RS232
ADIN8	5.8975	6	V	PASS	Check voltage over RS232
ADIN8	6.8775	7	V	PASS	Check voltage over RS232
ADIN8	7.8525	8	V	PASS	Check voltage over RS232
ADIN8	8.8475	9	V	PASS	Check voltage over RS232
ADIN8	9.8175	10	V	PASS	Check voltage over RS232

ADIN9 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN9	0.5425	0	V	PASS	Check voltage over RS232
ADIN9	1.0275	1	V	PASS	Check voltage over RS232
ADIN9	1.9475	2	V	PASS	Check voltage over RS232
ADIN9	2.9275	3	V	PASS	Check voltage over RS232
ADIN9	3.8975	4	V	PASS	Check voltage over RS232
ADIN9	4.8775	5	V	PASS	Check voltage over RS232
ADIN9	5.8575	6	V	PASS	Check voltage over RS232
ADIN9	6.8275	7	V	PASS	Check voltage over RS232
ADIN9	7.8025	8	V	PASS	Check voltage over RS232
ADIN9	8.7775	9	V	PASS	Check voltage over RS232
ADIN9	9.7525	10	V	PASS	Check voltage over RS232

ADIN10 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN10	0.5275	0	V	PASS	Check voltage over RS232
ADIN10	1.0175	1	V	PASS	Check voltage over RS232
ADIN10	1.9525	2	V	PASS	Check voltage over RS232
ADIN10	2.9325	3	V	PASS	Check voltage over RS232
ADIN10	3.9075	4	V	PASS	Check voltage over RS232
ADIN10	4.8975	5	V	PASS	Check voltage over RS232
ADIN10	5.8775	6	V	PASS	Check voltage over RS232
ADIN10	6.8575	7	V	PASS	Check voltage over RS232
ADIN10	7.8375	8	V	PASS	Check voltage over RS232
ADIN10	8.8175	9	V	PASS	Check voltage over RS232
ADIN10	9.7975	10	V	PASS	Check voltage over RS232

ADIN11 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN11	0.5575	0	V	PASS	Check voltage over RS232
ADIN11	1.0375	1	V	PASS	Check voltage over RS232
ADIN11	1.9575	2	V	PASS	Check voltage over RS232
ADIN11	2.9375	3	V	PASS	Check voltage over RS232
ADIN11	3.9175	4	V	PASS	Check voltage over RS232
ADIN11	4.8975	5	V	PASS	Check voltage over RS232
ADIN11	5.8725	6	V	PASS	Check voltage over RS232
ADIN11	6.8475	7	V	PASS	Check voltage over RS232
ADIN11	7.8275	8	V	PASS	Check voltage over RS232
ADIN11	8.8125	9	V	PASS	Check voltage over RS232
ADIN11	9.7875	10	V	PASS	Check voltage over RS232

ADIN12 [tolerance: 0.3 V]

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
ADIN12	0.5525	0	V	PASS	Check voltage over RS232
ADIN12	1.0275	1	V	PASS	Check voltage over RS232
ADIN12	1.9425	2	V	PASS	Check voltage over RS232
ADIN12	2.9225	3	V	PASS	Check voltage over RS232
ADIN12	3.9075	4	V	PASS	Check voltage over RS232
ADIN12	4.8925	5	V	PASS	Check voltage over RS232
ADIN12	5.8675	6	V	PASS	Check voltage over RS232
ADIN12	6.8525	7	V	PASS	Check voltage over RS232
ADIN12	7.8325	8	V	PASS	Check voltage over RS232
ADIN12	8.8225	9	V	PASS	Check voltage over RS232
ADIN12	9.7925	10	V	PASS	Check voltage over RS232

4.7 Group - DIN0to7

Group -Valuation	PASS
Group -Start-/-Execution-Time	2013-08-19 17:12:53 / 00:00:00:09
Group -Description	
Runs DIN0-7 periphery tests.	

4.7.1 Test - initDIN0to7

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	INFO
Test -Start-/-Execution-Time	2013-08-19 17:12:53 / 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 -- RPPTest.pins.DIN._0to7.testCases.initDIN0to7
Administrative testcase initDIN0to7 calls init function and sets the range of tested pins.

4.7.2 Test - DIN0to7

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	PASS
Test -Start-/-Execution-Time	2013-08-19 17:12:53 / 00:00:00:09

Test -Description
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).

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 -- RPPTest.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 -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin

This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).
Test flow -- RPPTest.pins.DIN._0to7.testSequences.readPin
This sequence reads DIN pin input.
Test flow -- RPPTest.pins.DIN._0to7.testSequences.setPin
This sequence sets DIN pin (pull-type, active or tri-state, wake or non-wake).

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

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

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

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

4.7.2 DIN0to7 -- Subtest

Floating DIN0-7.

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

DIN0-7 connected.

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

4.8 Group - DIN8to15

Group -Valuation	PASS
Group -Start-/-Execution-Time	2013-08-19 17:13:03 / 00:00:00:13
Group -Description	
Runs DIN8-15 periphery tests.	

4.8.1 Test - initDIN8to15

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	INFO
Test -Start-/-Execution-Time	2013-08-19 17:13:03 / 00:00:00:00
Test -Description	
Administrative testcase initDIN8to15 calls init function and sets the range of tested pins.	

4.8.1 initDIN8to15 -- Metadata

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

4.8.1 initDIN8to15 -- Run

Test flow -- RPPTest.pins.DIN._8to15.testCases.initDIN8to15
Administrative testcase initDIN8to15 calls init function and sets the range of tested pins.

4.8.2 Test - DIN8to15

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	PASS
Test -Start-/-Execution-Time	2013-08-19 17:13:03 / 00:00:00:13
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 -- RPPTest.pins.DIN._8to15.testCases.DIN8to15
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.
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin

Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.setPin
Test flow -- RPPTest.pins.DIN._8to15.testSequences.readPin

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

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

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

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

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

4.8.2 DIN8to15 -- Subtest

Floating DIN8-15.

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

DIN8-15 connected.

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

DIN15 check	0	0	logical	PASS	Voltage: 10 V.

4.9 Group - DAC

Group -Valuation	PASS
Group -Start-/-Execution-Time	2013-08-19 17:13:16 / 00:00:00:01
Group -Description	
Runs DAC periphery tests.	

4.9.1 Test - initDAC

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	INFO
Test -Start-/-Execution-Time	2013-08-19 17:13:16 / 00:00:00:00
Test -Description	
Administrative testcase initDAC calls init function and sets the range of tested pins.	

4.9.1 initDAC -- Metadata

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

4.9.1 initDAC -- Run

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

4.9.2 Test - DAC

Test -Full-Scoped-Name : Full Scoped Name	
Test -Valuation	PASS
Test -Start-/-Execution-Time	2013-08-19 17:13:16 / 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 periphery 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 periphery.
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.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.
Test flow -- RPPTest.pins.DAC.testSequences.enablePin
This sequence enables measured pin of DAC periphery.
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.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.
Test flow -- RPPTest.pins.DAC.testSequences.enablePin
This sequence enables measured pin of DAC periphery.
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.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.
Test flow -- RPPTest.pins.DAC.testSequences.enablePin
This sequence enables measured pin of DAC periphery.
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.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]	24	0	mV	PASS	Check voltage over TCP.
DAC1set	2000	2000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	2001	2000	mV	PASS	Check voltage over TCP.
DAC1set	4000	4000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	4038	4000	mV	PASS	Check voltage over TCP.
DAC1set	6000	6000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	6069	6000	mV	PASS	Check voltage over TCP.
DAC1set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	8095	8000	mV	PASS	Check voltage over TCP.
DAC1set	10000	10000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	9995	10000	mV	PASS	Check voltage over TCP.
DAC1set	12000	12000	mV	PASS	Set voltage to DAC over RS232.
DAC1 check[TCP]	9995	12000	mV	PASS	Check voltage over TCP.
DAC1 disable	0	0	logical	PASS	dacpinenable command.

DAC2

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
DAC2 enable	1	1	logical	PASS	dacpinenable command.
DAC2set	0	0	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	24	0	mV	PASS	Check voltage over TCP.
DAC2set	2000	2000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	2021	2000	mV	PASS	Check voltage over TCP.
DAC2set	4000	4000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	4062	4000	mV	PASS	Check voltage over TCP.
DAC2set	6000	6000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	6108	6000	mV	PASS	Check voltage over TCP.
DAC2set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC2 check[TCP]	8139	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]	24	0	mV	PASS	Check voltage over TCP.
DAC3set	2000	2000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	1997	2000	mV	PASS	Check voltage over TCP.
DAC3set	4000	4000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	4018	4000	mV	PASS	Check voltage over TCP.
DAC3set	6000	6000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	6064	6000	mV	PASS	Check voltage over TCP.
DAC3set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	8105	8000	mV	PASS	Check voltage over TCP.
DAC3set	10000	10000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	9995	10000	mV	PASS	Check voltage over TCP.
DAC3set	12000	12000	mV	PASS	Set voltage to DAC over RS232.
DAC3 check[TCP]	9995	12000	mV	PASS	Check voltage over TCP.
DAC3 disable	0	0	logical	PASS	dacpinenable command.

DAC4

Label	Actual-Value	Rated-Value	Dimension	Valuation	Comment
DAC4 enable	1	1	logical	PASS	dacpinenable command.
DAC4set	0	0	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	24	0	mV	PASS	Check voltage over TCP.
DAC4set	2000	2000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	2006	2000	mV	PASS	Check voltage over TCP.
DAC4set	4000	4000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	4038	4000	mV	PASS	Check voltage over TCP.
DAC4set	6000	6000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	6074	6000	mV	PASS	Check voltage over TCP.
DAC4set	8000	8000	mV	PASS	Set voltage to DAC over RS232.
DAC4 check[TCP]	8115	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 - deInitialization

Group -Valuation	INFO
Group -Start-/-Execution-Time	2013-08-19 17:13:18 / 00:00:00:00

Group -Description
Cleans up the test suite.

4.10.1 Test - deInitialization

Test -Full-Scoped-Name :	Full Scoped Name
Test -Valuation	INFO
Test -Start-/-Execution-Time	2013-08-19 17:13:18 / 00:00:00:00
Test -Description	
This class ends TCP server and close RS232 communication channel.	

4.10.1 deInitialization -- Metadata

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

4.10.1 deInitialization -- Run

Test flow -- RPPTest.basics.deInitialization
This class ends TCP server and close RS232 communication channel.