Test Report

Created by:latabhax 2024-01-31 10:11:39

Board: 10.123.100.165

Report printed in folder: C:/MentorGraphics/XStep.2020.01.0.3/XStepAPI/armhf/work

 $Report\ name:\ C:/MentorGraphics/XStep.2020.01.0.3/XStepAP1/arm\ hf/work/JESD204C_4Lane_1250Mbps_Tx-latabhax-2024-01-31_time_10-11-39.html\ and\ .pdf$

 $Test\ Case\ Name: JESD204C_4Lane_1250Mbps_Tx$

Test Case Description:Example Test Case: JESD204C Tx 1250Mbps 4 Lane, Tx Always on

Test Case started:2024/01/31 10:08:34

Created by:latabhax 2024-01-31 10:11:39

Report printed in folder: C:/MentorGraphics/XStep.2020.01.0.3/XStepAPI/armhf/work

 $Report \ name: C: //MentorGraphics/XS tep. 2020.01.0.3/XS tep. AP1/arm hf/work/JESD204C_4Lane_1259Mbps_Tx-latabhax-2024-01-31_time_10-11-39.html \ and .pdf \ and .$

Hit Name	Status	Description	File	M odified	Cumulative Run Time (sec)	Number
JESD204C_Test_Case_Settings	Done	0 JESD204C_Test_Case_Settings	sarokal/reference_testhits/jesd204c/jesd204c_testcase_settings.hxx	Mon Mar 16 16:53:31 2020	9.393	0
JESD204C_Program_Device	Done	1 JESD204C_Program_Device	sarokal/reference_testhits/jesd204c/jesd204c_program.hxx	Mon Mar 16 16:53:31 2020	23.96	1
COMMON_Ext_Ref_Clock_Usage	Done	2 COMMON_Ext_Ref_Clock_Usage	sarokal/reference_testhits/common/common.hxx	Mon Mar 16 16:53:31 2020	23.96	2
JESD204C_TX_Copy_Input_Files	Done	3 JESD204C_TX_C opy_Input_Files	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	117.4	3
JESD204C_TX_Initialize_and_Mode_Definition	Done	4 JESD204C_TX_Initialize_and_Mode_Definition	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	117.5	4
JESD204C_TX_Generate_Stimulus	Done	5 JESD204C_TX_Generate_Stimulus	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	119.3	5
JESD204C_TX_Start	Done	6 JESD204C_TX_Start	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020	120.1	6
JESD204C_TX_Poll_State	Running	7 JESD204C_TX_Poll_State	sarokal/reference_testhits/jesd204c/jesd204c_tx_hits.hxx	Mon Mar 16 16:53:31 2020		7

Log:

Compile OK

Copy Ready

Copy DONE

 $Test\ JESD204C_4Lane_1250Mbps_Tx\ started; 2024/01/31\ 10:08:32$

 $cd\ /root/XStep/work; chmod+x\ JESD204C_4Lane_1250Mbps_Tx; LD_LIBRARY_PATH=/root/XStep/lib\ ./JESD204C_4Lane_1250Mbps_Tx; LD_LIBRARY_PATH=/root/XStep/lib\$

 $\text{\#x.info } 00:\!00:\!00:\!027 \text{ Using XSTEP DNRT4}:\!1512012, CPU1512027, EFU1512009 }, rev... \\$

#x.info 00:00:00:102 MAC address 70:B3:D5:FA:20:72

 $\#log.info\ 00:\!00:\!00:\!186\ Looking\ for\ xstep-runtime\ license..$

 $\#log.info\ 00:00:00:443$ License xstep-runtime checked out

Reset variables in VariableForm

 $Test\ JESD204C_4Lane_1250Mbps_Tx\ started; 2024/01/31\ 10:08:34$

 $\# test case.run\ 00:00:00:797\ Start\ test\ case\ JESD204C_4Lane_1250Mbps_Tx$

#testcase.info 00:00:00:798 XStepApi version: 2020.01.0.3

#testcase.info 00:00:00:798 Import XStepApi.ini settings

```
#testcase.info 00:00:00:799 Import JESD204C_4Lane_1250Mbps_Tx.ini settings
#testcase.info 00:00:00:799 No arguments
#testcase.run 00:00:00:800 Start test hit 0 JESD204C_Test_Case_Settings
#log.info 00:00:00:803 JESD204C selected as the working directory for this test case.
#api:x.settings.workdir JESD204C
\#client.copyC2X\ 00:00:00:00:00:808\ JESD204C/jesd204c\_setup\_1G25\_1lane\_ABC\_usecase\_5B\_25\_01\_24.txt\ to: JESD204C/jesd204c\_setup\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_
#client.copy.end ready
#log.info 00:00:09:361 Copy done
#testcase.run 00:00:09:393 Done test hit 0 JESD204C_Test_Case_Settings
#testcase.run 00:00:09:393 Start test hit 1 JESD204C_Program_Device
#apix.jesd204c.program 1G25 1
#jesd204c.info 00:00:09:394 Jesd204c program using 1G25 bitrate
#jesd204c.info 00:00:09:394 Jesd204c program 1 lane(s) configured
#program.info 00:00:09:396 Unload xilinx_emaclite kernel module
#console.info 00:00:09:399
#console.info 00:00:09:403
#clock.info 00:00:09:403 Starting to set frequency 156250000
#program.info 00:00:09:441 FPGA is empty
#program.info 00:00:10:714 CPU md5Hash = 87f65c6ed5b22e2631779274ca34a92b
#program.info 00:00:10:714 CPU Ver=C04F1015
#program.info 00:00:11:113 Programming ../bin/CPU.bit
#program.info 00:00:11:121 CPU Board programmed
#program.info 00:00:12:325 IFU md5Hash = 95a7e83456f6cac59fd85c8aac2e9f0e
#program.info 00:00:12:333 IFU Ver=E0030015
\#program.info~00:00:12:334~Programming~../bin/EFU\_64B66B.bit
#program.info 00:00:12:347 Programming interface card...
#program.info 00:00:23:900 Number of active links set to 1
#program.info 00:00:23:901 Number of active lanes set to 4
#program.info 00:00:23:960 Memory if - OK
#program.info 00:00:23:961 Register if - OK
#testcase.run 00:00:23:962 Done test hit 1 JESD204C Program Device
#testcase.run 00:00:23:963 Start test hit 2 COMMON Ext Ref Clock Usage
#log.info 00:00:23:963 External reference clock usage not selected (useExtRefClock=0)
#testcase.run 00:00:23:964 Done test hit 2 COMMON Ext Ref Clock Usage
#testcase.run 00:00:23:964 Start test hit 3 JESD204C_TX_Copy_Input_Files
\#apix.jesd204c.tx.copyInputFiles\ jesd204c\_setup\_1G25\_1lane\_ABC\_usecase\_5B\_25\_01\_24.txt
#log.info 00:00:24:236 License jesd204c-actor checked out
\#client.copyC2X\ 00:00:24:244\ JESD204C/jesd204c\_setup\_1G25\_1lane\_ABC\_usecase\_5B\_25\_01\_24.txt\ to: JESD204C/jesd204C\_setup\_1G25\_1lane\_ABC\_usecase\_1G25\_1lane\_ABC\_usecase\_1G25\_1S_01-24.txt\ to: JESD204C/jesd204
#client.copy.end ready
#log.info 00:00:35:071 Copy done
\#client.copyC2X\ 00:00:35:098\ JESD204C/payload0.txt\ to: JESD204C/payload0.txt
#client.copy.end ready
#log.info 00:00:45:401 Copy done
\#client.copyC2X\ 00:00:45:402\ JESD204C/payload1.txt\ to: JESD204C/payload1.txt
#client.copy.end ready
#log.info 00:00:54:501 Copy done
\#client.copyC2X\ 00:00:54:502\ JESD204C/payload2.txt\ to: JESD204C/payload2.txt
#client.copy.end ready
#log.info 00:01:02:841 Copy done
```

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#client.copyC2X 00:01:02:842 JESD204C/payload3.txt to: JESD204C/payload3.txt
#client.copy.end ready
#log.info 00:01:11:721 Copy done
#client.copyC2X 00:01:11:722 JESD204C/payload4.txt to: JESD204C/payload4.txt
#client.copy.end ready
#log.info 00:01:21:061 Copy done
#client.copyC2X 00:01:21:062 JESD204C/payload5.txt to: JESD204C/payload5.txt
#client.copy.end ready
#log.info 00:01:30:621 Copy done
#client.copyC2X 00:01:30:622 JESD204C/payload6.txt to: JESD204C/payload6.txt
#client.copy.end ready
#log.info 00:01:39:736 Copy done
#client.copyC2X 00:01:39:737 JESD204C/payload7.txt to: JESD204C/payload7.txt
#client.copy.end ready
#log.info 00:01:48:491 Copy done
#client.copyC2X 00:01:48:492 JESD204C/input_command_words.txt to: JESD204C/input_command_words.txt
#client.copy.end ready
#log.info 00:01:57:381 Copy done
#testcase.run 00:01:57:382 Done test hit 3 JESD204C_TX_Copy_Input_Files
#testcase.run 00:01:57:382 Start test hit 4 JESD204C_TX_Initialize_and_Mode_Definition
#apix.jesd204c.tx.reset
#api:x.jesd204c.tx.init
#testcase.run 00:01:57:506 Done test hit 4 JESD204C_TX_Initialize_and_Mode_Definition
#testcase.run 00:01:57:507 Start test hit 5 JESD204C TX Generate Stimulus
#log.info 00:01:57:507 Stimulus will be generated.
#apix.jesd204c.tx.addSegment jesd204c_setup_1G25_1lane_ABC_usecase_5B_25_01_24.txt TxSegment1 0
#tx.info 00:01:57:534 Running Generator
#protocol.info 00:01:57:535 Info: JESD204C Generator started, links 1, lanes 4
#protocol.info 00:01:57:535 Loading JESD204C setup
#log.info 00:01:57:557 ErrorConfigFile not defined, error injection disabled.
#log.info 00:01:57:558 Load settings Jesd204cTxTriggerPulse.Payload=
#log.info 00:01:57:558 Load settings Jesd204cTxTriggerPulse.Amount=0
#log.info 00:01:57:559 Load settings Jesd204cTxTriggerPulse.Offset=0
#log.info 00:01:57:560 Load settings Jesd204cTxTriggerPulse.Length=8
#log.info 00:01:57:560 Load settings Jesd204cTxTriggerPulse.Period=10000
#log.info 00:01:57:561 Load settings Jesd204cTxTriggerPulse.Invert=0
#log.info 00:01:57:561 Load command word USER.CUSTOM mb:5 addr:0x0 data:0x7c1f23458 len:35 type:24 loop:1
#log.info 00:01:57:562 Load command word REG.WRITE mb:12 addr:0x12315 data:0x55 len:25 type:0 loop:1
#log.info 00:01:57:562 Load command word NOOP mb:14 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:01:57:562 Load command word REG.STREAMING_WRITE mb:14 addr:0x0 data:0x56 len:10 type:0 loop:1
\#log.info\ 00:01:57:563\ Load\ command\ word\ REG.READ\_ACK\ mb:22\ addr:0x85\ data:0x55\ len:25\ type:0\ loop:100:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:0000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:0000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:0000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:0000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:0000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:000:01:000:01:000:01:000:01:000:01:000:01:000:000:01:000:01:000:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:01:000:000:
#log.info 00:01:57:564 Load command word REG.READ_ACK mb:24 addr:0x85 data:0x55 len:25 type:0 loop:1
#log.info 00:01:57:564 Load command word BUF.CLEAR mb:28 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:01:57:565 Load command word BUF.CLEAR mb:28 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info 00:01:57:565 Load command word BUF.CLEAR mb:29 addr:0x0 data:0x0 len:0 type:0 loop:1
```

#log.info	00:01:57:566	Load command word BUF.CLEAR mb:29 addr:0x0 data:0x0 len:0 type:0 loop:1
#log.info	00:01:57:566	Load command word USER.CUSTOM mb:29 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info	00:01:57:566	Load command word USER.CUSTOM mb:31 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info	00:01:57:567	Load command word USER.CUSTOM mb:33 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info	00:01:57:567	Load command word USER.CUSTOM mb:34 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info	00:01:57:567	Load command word USER.CUSTOM mb:36 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info	00:01:57:568	Load command word USER.CUSTOM mb:38 addr:0x0 data:0x23542 len:20 type:31 loop:1
#log.info	00:01:57:568	Load command word NOOP mb:40 addr:0x0 data:0x0 len:0 type:0 loop:1
		Load command word NOOP mb:40 addr:0x0 data:0x0 len:0 type:0 loop:1
		Load command word USER.CUSTOM mb:40 addr:0x0 data:0x1a len:5 type:28 loop:1
		Load command word USER.CUSTOM mb:41 addr:0x0 data:0x1a len:5 type:28 loop:1
		Load command word USER.CUSTOM mb:42 addr:0x0 data:0x1a len:5 type:28 loop:1
		Load command word USER.CUSTOM mb:42 addr:0x0 data:0x1a len:5 type:28 loop:1
		Load command word USER.CUSTOM mb:43 addr:0x0 data:0x1a len:5 type:28 loop:1
		Load command word USER.CUSTOM mb:44 addr:0x0 data:0x0 len:0 type:31 loop:1
#log.info	00:01:57:571	Load settings Converter0.PayloadFileName=payload0.txt
#log.info	00:01:57:572	Payload type FILE selected
#log.info	00:01:57:573	Load settings Converter0.LoopPayload=0
#log.info	00:01:57:574	Load settings Converter0.PayloadFileFormat=HEX_16
#log.info	00:01:57:575	Load settings Converter1.PayloadFileName=payload1.txt
#log.info	00:01:57:575	Payload type FILE selected
#log.info	00:01:57:576	Load settings Converter1.LoopPayload=0
#log.info	00:01:57:577	Load settings Converter1.PayloadFileFormat=HEX_16
#log info	00:01:57:578	Load settings Converter2.PayloadFileName=payload2.txt
		2000 Settings Converted 212 dy South Inc. Valle Puly South 2130
	00:01:57:578	Payload type FILE selected
#log.info		
#log.info #log.info	00:01:57:579	Payload type FILE selected
#log.info #log.info #log.info	00:01:57:579 00:01:57:580	Payload type FILE selected Load settings Converter2.LoopPayload=0
#log.info #log.info #log.info #log.info	00:01:57:579 00:01:57:580 00:01:57:581	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16
#log.info #log.info #log.info #log.info #log.info	00:01:57:579 00:01:57:580 00:01:57:581 00:01:57:581	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt
#log.info #log.info #log.info #log.info #log.info	00:01:57:579 00:01:57:580 00:01:57:581 00:01:57:581 00:01:57:582	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected
#log.info #log.info #log.info #log.info #log.info #log.info #log.info	00:01:57:579 00:01:57:580 00:01:57:581 00:01:57:581 00:01:57:582	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0
#log.info #log.info #log.info #log.info #log.info #log.info #log.info #log.info	00:01:57:579 00:01:57:580 00:01:57:581 00:01:57:581 00:01:57:582 00:01:57:583	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16
#log.info #log.info #log.info #log.info #log.info #log.info #log.info #log.info #log.info	00:01:57:579 00:01:57:580 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:584 00:01:57:584	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt
#log.info	00:01:57:579 00:01:57:581 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:584 00:01:57:585	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected
#log.info	00:01:57:579 00:01:57:580 00:01:57:581 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:584 00:01:57:586 00:01:57:586	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.CoopPayload=0
#log.info	00:01:57:579 00:01:57:580 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:585 00:01:57:586 00:01:57:586	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileFormat=HEX_16
#log.info	00:01:57:579 00:01:57:581 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:584 00:01:57:585 00:01:57:586 00:01:57:587	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.LoopPayload=0 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileName=payload5.txt
#log.info	00:01:57:579 00:01:57:580 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:584 00:01:57:586 00:01:57:586 00:01:57:587	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.LoopPayload=0 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileName=payload5.txt
#log.info	00:01:57:579 00:01:57:580 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:585 00:01:57:586 00:01:57:586 00:01:57:587 00:01:57:588	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.LoopPayload=0 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected
#log.info	00:01:57:579 00:01:57:581 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:584 00:01:57:586 00:01:57:586 00:01:57:587 00:01:57:5889 00:01:57:589	Payload type FILE selected Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.LoopPayload=0 Load settings Converter4.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileName=payload6.txt
#log.info	00:01:57:579 00:01:57:581 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:585 00:01:57:586 00:01:57:586 00:01:57:587 00:01:57:589 00:01:57:589 00:01:57:591	Payload type FILE selected Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.LoopPayload=0 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileName=payload6.txt Payload type FILE selected
#log.info	00:01:57:579 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:584 00:01:57:586 00:01:57:586 00:01:57:587 00:01:57:589 00:01:57:589 00:01:57:591 00:01:57:592	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.PayloadFileName=payload4.txt Payload settings Converter4.LoopPayload=0 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileName=payload6.txt Payload type FILE selected Load settings Converter6.PayloadFileName=payload6.txt Payload type FILE selected
#log.info	00:01:57:579 00:01:57:580 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:584 00:01:57:586 00:01:57:586 00:01:57:587 00:01:57:588 00:01:57:589 00:01:57:591 00:01:57:592 00:01:57:593	Payload type FILE selected Load settings Converter2.PayloadFikeFormat=HEX_16 Load settings Converter3.PayloadFikeName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter4.PayloadFikeFormat=HEX_16 Load settings Converter4.PayloadFikeName=payload4.txt Payload type FILE selected Load settings Converter4.LoopPayload=0 Load settings Converter4.PayloadFikeFormat=HEX_16 Load settings Converter4.PayloadFikeFormat=HEX_16 Load settings Converter5.PayloadFikeName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFikeFormat=HEX_16 Load settings Converter5.PayloadFikeFormat=HEX_16 Load settings Converter6.PayloadFikeName=payload6.txt Payload type FILE selected Load settings Converter6.PayloadFikeFormat=HEX_16 Load settings Converter6.PayloadFikeFormat=HEX_16
#log.info	00:01:57:579 00:01:57:581 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:585 00:01:57:586 00:01:57:586 00:01:57:587 00:01:57:589 00:01:57:589 00:01:57:591 00:01:57:592 00:01:57:593	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.PayloadFileName=payload4.txt Payload settings Converter4.LoopPayload=0 Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileName=payload6.txt Payload type FILE selected Load settings Converter6.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileFormat=HEX_16
#log.info	00:01:57:579 00:01:57:581 00:01:57:581 00:01:57:582 00:01:57:584 00:01:57:585 00:01:57:586 00:01:57:586 00:01:57:589 00:01:57:591 00:01:57:592 00:01:57:594 00:01:57:594	Payload type FILE selected Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileName=payload6.txt Payload type FILE selected Load settings Converter6.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileName=payload7.txt Payload type FILE selected
#log.info	00:01:57:579 00:01:57:581 00:01:57:581 00:01:57:582 00:01:57:583 00:01:57:585 00:01:57:586 00:01:57:586 00:01:57:587 00:01:57:589 00:01:57:591 00:01:57:592 00:01:57:594 00:01:57:594	Payload type FILE selected Load settings Converter2.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.LoopPayload=0 Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileName=payload6.txt Payload type FILE selected Load settings Converter6.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileFormat=HEX_16 Load settings Converter7.PayloadFileName=payload7.txt Payload type FILE selected Load settings Converter7.PayloadFileName=payload7.txt Payload type FILE selected
#log.info	00:01:57:579 00:01:57:581 00:01:57:581 00:01:57:582 00:01:57:585 00:01:57:586 00:01:57:586 00:01:57:587 00:01:57:589 00:01:57:591 00:01:57:592 00:01:57:594 00:01:57:596 00:01:57:596	Payload type FILE selected Load settings Converter2.PayloadFileFormat=HEX_16 Load settings Converter3.PayloadFileName=payload3.txt Payload type FILE selected Load settings Converter3.LoopPayload=0 Load settings Converter3.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileName=payload4.txt Payload type FILE selected Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter4.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileName=payload5.txt Payload type FILE selected Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter5.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileName=payload6.txt Payload type FILE selected Load settings Converter6.PayloadFileFormat=HEX_16 Load settings Converter6.PayloadFileName=payload7.txt Payload type FILE selected

 $\#log.info\ 00:01:57:597\ Load\ settings\ F=16$

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\#log.info\ 00:01:57:598\ Load\ settings\ M=8
#log.info 00:01:57:598 Load settings CS = 0
\#log.info\ 00:01:57:598\ Load\ settings\ N=16
#log.info 00:01:57:599 Load settings N_total = 16
\#log.info\ 00:01:57:599\ Load\ settings\ S=1
#log.info 00:01:57:599 Load settings HD = 1
#log.info 00:01:57:600 Load settings CF = 0
#log.info 00:01:57:600 Load settings E = 1
\#log.info\ 00:01:57:600\ Load\ settings\ NumberO\ fExtMultiblocks = 1000
#log.info 00:01:57:601 Load settings CmdChannelSingleLaneMode = 1
#log.info 00:01:57:601 Load settings ReverseReportBits = 0
#log.info 00:01:57:601 Load settings Verbose = 0
#log.info 00:01:57:601 Load settings OversamplePayloads = 1
#log.info 00:01:57:602 Load settings IdleType = PayloadLoop
#log.info 00:01:57:602 Load settings ControlChannelMode = DeviceControlChannel
#log.info 00:01:57:602 Load settings Tailbits = high
#log.info 00:01:57:603 Load settings LimitSavePayloadSize = 1
#log.info 00:01:57:603 Load settings CmdWordInputFileName = input_command_words.txt
#log.info 00:01:57:603 Load settings TxReportFileName = TX_frame_report_file.txt
#log.info 00:01:57:604 Load settings Lane0.TxFrameFileName = TX0_frame_file.txt
#log.info 00:01:57:604 Load settings BusWidthBytes = 4
#log.info 00:01:57:604 Load settings SyncWordMode = MODE CMD CHANNEL
#log.info 00:01:57:604 Load settings TxFrameCaptureStartTrigger = TRIGGER_EMB_START
#protocol.info 00:01:57:605
#protocol.info 00:01:57:605 JESD204C Setup done
#protocol.info 00:01:57:605 Generation of multiblocks started
#protocol.info 00:01:57:776 25600 bytes generated
#protocol.info 00:01:57:947 51200 bytes generated
#protocol.info 00:01:58:119 76800 bytes generated
#protocol.info 00:01:58:290 102400 bytes generated
#protocol.info 00:01:58:461 128000 bytes generated
#protocol.info 00:01:58:633 153600 bytes generated
#protocol.info 00:01:58:805 179200 bytes generated
#protocol.info 00:01:58:977 204800 bytes generated
#protocol.info 00:01:59:149 230400 bytes generated
#protocol.info 00:01:59:321 256000 bytes generated
#protocol.info 00:01:59:324 JESD204C Generation completed successfully
#protocol.info 00:01:59:324 JESD204C frames generation done
#testcase.run 00:01:59:329 Done test hit 5 JESD204C TX Generate Stimulus
#testcase.run 00:01:59:329 Start test hit 6 JESD204C_TX_Start
#apix.jesd204c.tx.start
#apix.jesd204c.tx.getState
#testcase.run 00:02:00:060 Done test hit 6 JESD204C TX Start
#testcase.run 00:02:00:060 Start test hit 7 JESD204C TX Poll State
#apix.jesd204c.tx.getState
#log.info 00:02:00:061 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:01:070 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
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$\#log.info\ 00:02:02:071\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:03:071\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:04:071\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:05:071\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:06:072 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:07:072\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:08:072\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:09:072 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:10:072\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:11:073\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:12:073 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:13:074\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:14:074\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:15:074\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:16:075\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:17:075\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:18:084\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:19:094\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:20:103\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:21:113\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:22:122\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:23:132\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:24:141\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:25:151 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:26:160 Tx FSM state = STREAMING in lane 0

#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:27:160 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00.02:28:160\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:29:170\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:30:170\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00.02: 31: 170\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00.02:32:171\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
$\#log.info\ 00:02:33:171\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:34:172 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:35:172 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:36:172 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:37:172 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:38:173 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:39:173 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:40:173 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:41:174 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:42:175 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:43:175 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:44:175 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:45:175 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:46:175 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:47:176 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:48:177 Tx FSM state = STREAMING in lane 0
#api:x.jesd204c.tx.getState STREAMING
#log.info 00:02:49:176 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING
#log.info 00:02:50:177 Tx FSM state = STREAMING in lane 0
#apix.jesd204c.tx.getState STREAMING

 $\#log.info\ 00:02:51:177\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$ #apix.jesd204c.tx.getState STREAMING $\#log.info\ 00:02:52:177\ Tx\ FSM\ state = STREAMING\ in lane\ 0$ #apix.jesd204c.tx.getState STREAMING $\#log.info\ 00:02:53:177\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$ #apix.jesd204c.tx.getState STREAMING $\#log.info\ 00:02:54:177\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$ #apix.jesd204c.tx.getState STREAMING $\#log.info\ 00:02:55:177\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$ #apix.jesd204c.tx.getState STREAMING #log.info 00:02:56:177 Tx FSM state = STREAMING in lane 0 #apix.jesd204c.tx.getState STREAMING #log.info 00:02:57:178 Tx FSM state = STREAMING in lane 0 #apix.jesd204c.tx.getState STREAMING $\#log.info\ 00:02:58:178\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$ $\#apix.jesd 204 c.tx.get State\ STREAMING$ #log.info 00:02:59:178 Tx FSM state = STREAMING in lane 0 $\#apix.jesd 204 c.tx.get State\ STREAMING$ #log.info 00:03:00:178 Tx FSM state = STREAMING in lane 0 $\#apix.jesd 204 c.tx.get State\ STREAMING$ $\#log.info\ 00:03:01:179\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$ #apix.jesd204c.tx.getState STREAMING $\#log.info\ 00:03:02:179\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$ #apix.jesd204c.tx.getState STREAMING $\#log.info\ 00:03:03:180\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$ #apix.jesd204c.tx.getState STREAMING $\#log.info\ 00:03:04:180\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$ #apix.jesd204c.tx.getState STREAMING $\#log.info\ 00:03:05:180\ Tx\ FSM\ state = STREAMING\ in\ lane\ 0$