Test Report

Test Case Name:JESD204C_4Lane_1250Mbps_Rx

Test Case Description:Example Test Case: JESD204C 1250Mbps 4 Lane, Rx Only, Trigger to EMB_START

Test Case started:2024/02/06 18:22:44

Hit Name	Status	Description	File	Modified	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	10.13	0
JESD204C_Program_Device	Done	1 JESD204C_Program_Device	sarokal/reference_testhits/jesd204c/jesd204c_program.hxx	Mon Mar 16 16:53:31 2020	25.01	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	25.02	2
JESD204C_RX_Copy_Input_Files	Done	3 JESD204C_RX_Copy_Input_Files	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	35.42	3
JESD204C_RX_Initialize_and_Trigger_Definition	Done	4 JESD204C_RX_Initialize_and_Trigger_Definition	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	35.49	4
JESD204C_RX_Reserve_Capture_Segment	Done	5 JESD204C_RX_Reserve_Capture_Segment	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	35.55	5
JESD204C_RX_Check_Receiver_Sync	Done	6 JESD204C_RX_Check_Receiver_Sync	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	35.55	6
JESD204C_RX_Start	Done	7 JESD204C_RX_Start	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	37.97	7
JESD204C_RX_Wait_For_Trigger_and_Capture	Done	8 JESD204C_RX_Wait_For_Trigger_and_Capture	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	37.98	8
JESD204C_RX_Analyze_Capture	Done	9 JESD204C_RX_Analyze_Capture	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	40.44	9
JESD204C_RX_Stop	Done	10 JESD204C_RX_Stop	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	40.45	10
JESD204C_RX_Print_Results_Vector	Done	11 JESD204C_RX_Print_Results_Vector	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	40.45	11
JESD204C_RX_Copy_Output_Files	Done	12 JESD204C_RX_Copy_Output_Files	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	210.6	12

Log:

Compile OK

Copy Ready

Copy DONE

Test JESD204C_4Lane_1250Mbps_Rx started: 2024/02/06 18:22:42

cd /root/XStep/work;chmod +x JESD204C_4Lane_1250Mbps_Rx;LD_LIBRARY_PATH=/root/XStep/lib ./JESD204C_4Lane_1250Mbps_Rx

Reset variables in VariableForm

Test JESD204C_4Lane_1250Mbps_Rx started: 2024/02/06 18:22:44

#testcase.run 00:00:00:797 Start test case JESD204C_4Lane_1250Mbps_Rx

#testcase.run 00:00:00:798 Start test hit 0 JESD204C_Test_Case_Settings

#apix.settings.workdir JESD204C

#client.copyC2X 00:00:00:806 JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_7C_15_12_23.txt to: JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_7C_15_12_23.txt

#client.copy.end ready

#testcase.run 00:00:10:130 Done test hit 0 JESD204C_Test_Case_Settings

#testcase.run 00:00:10:131 Start test hit 1 JESD204C_Program_Device

#apix.jesd204c.program 1G25 4

#testcase.run 00:00:25:014 Done test hit 1 JESD204C_Program_Device

#testcase.run 00:00:25:014 Start test hit 2 COMMON_Ext_Ref_Clock_Usage

#testcase.run 00:00:25:016 Done test hit 2 COMMON_Ext_Ref_Clock_Usage

#testcase.run 00:00:25:017 Start test hit 3 JESD204C_RX_Copy_Input_Files

#apix.jesd204c.rx.copyInputFiles jesd204c_setup_1G25_1lane_ABC_usecase_7C_15_12_23.txt

#client.copyC2X 00:00:25:036 JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_7C_15_12_23.txt to: JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_7C_15_12_23.txt

#client.copy.end ready

#testcase.run 00:00:35:419 Done test hit 3 JESD204C_RX_Copy_Input_Files

#testcase.run 00:00:35:419 Start test hit 4 JESD204C_RX_Initialize_and_Trigger_Definition

#apix.jesd204c.rx.reset

#apix.jesd204c.rx.init

#apix.jesd204c.rx.triggerMode 0

#testcase.run 00:00:35:494 Done test hit 4 JESD204C_RX_Initialize_and_Trigger_Definition

#testcase.run 00:00:35:494 Start test hit 5 JESD204C_RX_Reserve_Capture_Segment

#apix.jesd204c.rx.calculateReceiveSegmentSize jesd204c_setup_1G25_1lane_ABC_usecase_7C_15_12_23.txt 320000

#apix.jesd204c.rx.addSegment jesd204c_setup_1G25_1lane_ABC_usecase_7C_15_12_23.txt RxSegment1 320160 1

#testcase.run 00:00:35:548 Done test hit 5 JESD204C_RX_Reserve_Capture_Segment

#testcase.run 00:00:35:548 Start test hit 6 JESD204C_RX_Check_Receiver_Sync

#testcase.run 00:00:35:549 Done test hit 6 JESD204C_RX_Check_Receiver_Sync

#testcase.run 00:00:35:550 Start test hit 7 JESD204C_RX_Start

#apix.jesd204c.rx.start

#testcase.run 00:00:37:974 Done test hit 7 JESD204C_RX_Start

#testcase.run 00:00:37:975 Start test hit 8 JESD204C_RX_Wait_For_Trigger_and_Capture

#apix.jesd204c.rx.getState DONE

#testcase.run 00:00:37:976 Done test hit 8 JESD204C_RX_Wait_For_Trigger_and_Capture

#testcase.run 00:00:37:977 Start test hit 9 JESD204C_RX_Analyze_Capture

#apix.jesd204c.rx.analyze jesd204c_setup_1G25_1lane_ABC_usecase_7C_15_12_23.txt RxSegment1

#testcase.run 00:00:40:445 Done test hit 9 JESD204C_RX_Analyze_Capture

#testcase.run 00:00:40:446 Start test hit 10 JESD204C_RX_Stop

#apix.jesd204c.rx.stop

#testcase.run 00:00:40:447 Done test hit 10 JESD204C_RX_Stop

#testcase.run 00:00:40:447 Start test hit 11 JESD204C_RX_Print_Results_Vector

#apix.jesd204c.rx.printResultsVector

#testcase.run 00:00:40:449 Done test hit 11 JESD204C_RX_Print_Results_Vector

#testcase.run 00:00:40:449 Start test hit 12 JESD204C_RX_Copy_Output_Files

#apix.jesd204c.rx.copyOutputFiles jesd204c_setup_1G25_1lane_ABC_usecase_7C_15_12_23.txt

#client.copyC2X 00:00:40:450 JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_7C_15_12_23.txt to: JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_7C_15_12_23.txt

#client.copy.end ready

#client.copyX2C 00:00:51:428 JESD204C/savepayload0.txt to: JESD204C/savepayload0.txt

#client.copy.end ready

#client.copyX2C 00:01:04:352 JESD204C/savepayload1.txt to: JESD204C/savepayload1.txt

#client.copy.end ready

#client.copyX2C 00:01:16:984 JESD204C/savepayload2.txt to: JESD204C/savepayload2.txt

#client.copy.end ready

#client.copyX2C 00:01:29:943 JESD204C/savepayload3.txt to: JESD204C/savepayload3.txt

#client.copy.end ready

#client.copyX2C 00:01:43:843 JESD204C/savepayload4.txt to: JESD204C/savepayload4.txt

#client.copy.end ready

#client.copyX2C 00:01:55:703 JESD204C/savepayload5.txt to: JESD204C/savepayload5.txt

#client.copy.end ready

#client.copyX2C 00:02:10:340 JESD204C/savepayload6.txt to: JESD204C/savepayload6.txt

#client.copy.end ready

#client.copyX2C 00:02:24:440 JESD204C/savepayload7.txt to: JESD204C/savepayload7.txt

#client.copy.end ready

#client.copyX2C 00:02:37:350 JESD204C/RX0_frame_file.txt to: JESD204C/RX0_frame_file.txt

#client.copy.end ready

#client.copyX2C 00:02:52:310 JESD204C/RX_frame_report_file.txt to: JESD204C/RX_frame_report_file.txt

#client.copy.end ready

#client.copyX2C 00:03:21:052 JESD204C/output_command_words.txt to: JESD204C/output_command_words.txt

#client.copy.end ready

#testcase.run 00:03:30:624 Done test hit 12 JESD204C_RX_Copy_Output_Files

#testcase.run 00:03:30:624 All hits run

#testcase.run 00:03:30:624 Done test case JESD204C_4Lane_1250Mbps_Rx