

Test Report

Created by:achennar 2024-02-06 18:09:22

Board: 10.123.101.14

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

Report name: C:/MentorGraphics/XStep.2020.01.0.3/XStepAPI/arm hf/work/JESD204C_4Lane_1250Mbps_Rx-achennar-2024-02-06_time_18-09-22.html and .pdf

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 17:57:04

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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	9.581	0
JESD204C_Program_Device	Done	1 JESD204C_Program_Device	sarokal/reference_testhits/jesd204c/jesd204c_program.hxx	Mon Mar 16 16:53:31 2020	24.15	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	24.15	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	34.01	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	34.09	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	34.15	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	34.15	6
JESD204C_RX_Start	Done	7 JESD204C_RX_Start	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	36.57	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	36.57	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	38.84	9
JESD204C_RX_Stop	Done	10 JESD204C_RX_Stop	sarokal/reference_testhits/jesd204c/jesd204c_rx_hits.hxx	Mon Mar 16 16:53:31 2020	38.84	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	38.84	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	282.2	12

Log:

Compile OK

Copy Ready

Copy DONE

Test JESD204C_4Lane_1250Mbps_Rx started: 2024/02/06 17:57:02

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 17:57:04

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

#testcase.run 00:00:00:799 Start test hit 0 JESD204C_Test_Case_Settings

#apix.settings.workdir JESD204C

#client.copyC2X 00:00:00:807 JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5c_28_11_23.txt to: JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5c_28_11_23.txt

#client.copy.end ready

#testcase.run 00:00:09:581 Done test hit 0 JESD204C_Test_Case_Settings

#testcase.run 00:00:09:581 Start test hit 1 JESD204C_Program_Device

#apix.jesd204c.program 1G25 4

#testcase.run 00:00:24:152 Done test hit 1 JESD204C_Program_Device

#testcase.run 00:00:24:152 Start test hit 2 COMMON_Ext_Ref_Clock_Usage

#testcase.run 00:00:24:153 Done test hit 2 COMMON_Ext_Ref_Clock_Usage

#testcase.run 00:00:24:154 Start test hit 3 JESD204C_RX_Copy_Input_Files

#apix.jesd204c.rx.copyInputFiles jesd204c_setup_1G25_1lane_ABC_usecase_5c_28_11_23.txt

#client.copyC2X 00:00:24:435 JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5c_28_11_23.txt to: JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5c_28_11_23.txt

#client.copy.end ready

#testcase.run 00:00:34:015 Done test hit 3 JESD204C_RX_Copy_Input_Files

#testcase.run 00:00:34:015 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 00:00:34:090 Done test hit 4 JESD204C_RX_Initialize_and_Trigger_Definition

#testcase.run 00:00:34:090 Start test hit 5 JESD204C_RX_Reserve_Capture_Segment

#apix.jesd204c.rx.calculateReceiveSegmentSize jesd204c_setup_1G25_1lane_ABC_usecase_5c_28_11_23.txt 320000

#apix.jesd204c.rx.addSegment jesd204c_setup_1G25_1lane_ABC_usecase_5c_28_11_23.txt RxSegment1 320160 1

#testcase.run 00:00:34:145 Done test hit 5 JESD204C_RX_Reserve_Capture_Segment

#testcase.run 00:00:34:145 Start test hit 6 JESD204C_RX_Check_Receiver_Sync

#testcase.run 00:00:34:146 Done test hit 6 JESD204C_RX_Check_Receiver_Sync

#testcase.run 00:00:34:146 Start test hit 7 JESD204C_RX_Start

#apix.jesd204c.rx.start

#testcase.run 00:00:36:570 Done test hit 7 JESD204C_RX_Start

#testcase.run 00:00:36:570 Start test hit 8 JESD204C_RX_Wait_For_Trigger_and_Capture

#apix.jesd204c.rx.getState DONE

#testcase.run 00:00:36:572 Done test hit 8 JESD204C_RX_Wait_For_Trigger_and_Capture

#testcase.run 00:00:36:572 Start test hit 9 JESD204C_RX_Analyze_Capture

#apix.jesd204c.rx.analyze jesd204c_setup_1G25_1lane_ABC_usecase_5c_28_11_23.txt RxSegment1

#testcase.run 00:00:38:841 Done test hit 9 JESD204C_RX_Analyze_Capture

#testcase.run 00:00:38:841 Start test hit 10 JESD204C_RX_Stop

#apix.jesd204c.rx.stop

#testcase.run 00:00:38:842 Done test hit 10 JESD204C_RX_Stop

#testcase.run 00:00:38:843 Start test hit 11 JESD204C_RX_Print_Results_Vector

#apix.jesd204c.rx.printResultsVector

#testcase.run 00:00:38:844 Done test hit 11 JESD204C_RX_Print_Results_Vector

#testcase.run 00:00:38:844 Start test hit 12 JESD204C_RX_Copy_Output_Files

#apix.jesd204c.rx.copyOutputFiles jesd204c_setup_1G25_1lane_ABC_usecase_5c_28_11_23.txt

#client.copyC2X 00:00:38:845 JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5c_28_11_23.txt to: JESD204C/jesd204c_setup_1G25_1lane_ABC_usecase_5c_28_11_23.txt

#client.copy.end ready

#client.copyX2C 00:00:49:211 JESD204C/savepayload0.txt to: JESD204C/savepayload0.txt

#client.copy.end ready

#client.copyX2C 00:00:59:510 JESD204C/savepayload1.txt to: JESD204C/savepayload1.txt

#client.copy.end ready

#client.copyX2C 00:01:10:367 JESD204C/savepayload2.txt to: JESD204C/savepayload2.txt

#client.copy.end ready

#client.copyX2C 00:01:21:224 JESD204C/savepayload3.txt to: JESD204C/savepayload3.txt

#client.copy.end ready

#client.copyX2C 00:01:32:180 JESD204C/savepayload4.txt to: JESD204C/savepayload4.txt

#client.copy.end ready

#client.copyX2C 00:01:43:835 JESD204C/savepayload5.txt to: JESD204C/savepayload5.txt

#client.copy.end ready

#client.copyX2C 00:01:54:414 JESD204C/savepayload6.txt to: JESD204C/savepayload6.txt

#client.copy.end ready

#client.copyX2C 00:02:04:187 JESD204C/savepayload7.txt to: JESD204C/savepayload7.txt

#client.copy.end ready

#client.copyX2C 00:02:14:538 JESD204C/savepayload8.txt to: JESD204C/savepayload8.txt

#client.copy.end ready

#client.copyX2C 00:02:27:916 JESD204C/savepayload9.txt to: JESD204C/savepayload9.txt

#client.copy.end ready

#client.copyX2C 00:02:38:490 JESD204C/savepayload10.txt to: JESD204C/savepayload10.txt

#client.copy.end ready

#client.copyX2C 00:02:48:889 JESD204C/savepayload11.txt to: JESD204C/savepayload11.txt

#client.copy.end ready

#client.copyX2C 00:02:59:538 JESD204C/savepayload12.txt to: JESD204C/savepayload12.txt

#client.copy.end ready

#client.copyX2C 00:03:10:592 JESD204C/savepayload13.txt to: JESD204C/savepayload13.txt

#client.copy.end ready

#client.copyX2C 00:03:20:932 JESD204C/savepayload14.txt to: JESD204C/savepayload14.txt

#client.copy.end ready

#client.copyX2C 00:03:34:950 JESD204C/savepayload15.txt to: JESD204C/savepayload15.txt

#client.copy.end ready

#client.copyX2C 00:03:48:289 JESD204C/RX0_frame_file.txt to: JESD204C/RX0_frame_file.txt

#client.copy.end ready

#client.copyX2C 00:04:02:750 JESD204C/RX_frame_report_file.txt to: JESD204C/RX_frame_report_file.txt

#client.copy.end ready

#client.copyX2C 00:04:31:091 JESD204C/output_command_words.txt to: JESD204C/output_command_words.txt

#client.copy.end ready

#testcase.run 00:04:42:242 Done test hit 12 JESD204C_RX_Copy_Output_Files

#testcase.run 00:04:42:242 All hits run

#testcase.run 00:04:42:242 Done test case JESD204C_4Lane_1250Mbps_Rx