Texas Instruments

TestLink

Test Plan Execution Report

Test Project: EP_PDK
Test Plan: PDK_Test_Plan_01.10.02_TDA2Ex

Printed by TestLink on 20/12/2018

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Test Project: EP_PDK

Project: PDK Location: TII Owner: R, Sivaraj

Test Plan: PDK_Test_Plan_01.10.02_TDA2Ex

PDK 01.10.02 release Test plan for TDA2Ex

Test Plan Scope	Software Unit Test
Test Plan Category	Regression Testing

1.1.Test Suite : Examples

1.1.1.Test Suite : VPS Examples

1.1.1.1.Test Suite : VPS ISS CAL Examples

Test Case pdk-tc-1090: vps_examples_captureIss_ub954_sensor_bypass_colorbar			
Summary:			
UB954 colorbar (no sensor) CSI2 4 channel capture			
Preconditions: NA			
#:	Step actions:	Expected Results:	Execution notes:
1	NA	Capture of frames should complete @ 30 FPS	
Execution type:	Manual		
Estimated exec. duration (sec):	60.00		
Priority:	Medium		
Test execution engine:			
Test Category:			
Test Method:			
Required hardware assets:			
Binary file name:			
DUT parameters:			
Test script or logic:			
Script Arguments:			
Test case time out [in sec]:			
Keywords:	c_sanity tda2ex tda3xx tda2px t_functional m_cal		
Execution Details			
Build	PDK_Test_Plan_01.10.02_TDA2Ex_rc1		
Tester	x0153534		
Execution Result:	**Passed**		
Execution Mode:	**Manual**		
Execution duration (sec):			

Test Case pdk-tc-1104: vps_examples_captureIss_ub954_sensor_bypass_colorbar_phy1			
Summary:			
UB954 colorbar (no sensor) CSI2 2 channel capture connected to phy1			
Preconditions: NA			
#:	Step actions:	Expected Results:	Execution notes:
1	NA	Capture of frames should complete @ 30 FPS	
Execution type:	Manual		
Estimated exec. duration (sec):	60.00		
Priority:	Medium		
Test execution engine:			
Test Category:			

Test Method:	
Required hardware assets:	
Binary file name:	
DUT parameters:	
Test script or logic:	
Script Arguments:	
Test case time out [in sec]:	
Keywords:	c_sanity tda2ex tda2px t_functional m_cal
Execution Details	
Build	PDK_Test_Plan_01.10.02_TDA2Ex_rc1
Tester	x0153534
Execution Result:	**Passed**
Execution Mode:	**Manual**
Execution duration (sec):	

1.1.2.Test Suite : VSDK Examples

Test Case pdk-tc-1032: visionsdk_sch_fca_usecase

Summary:

Vision SDK Single Ch Front Camera Analytics Usecase

Preconditions:
NA

#:	Step actions:	Expected Results:	Execution notes:
1	NA	The thermal APIs are tested as part of limp home mode. One can switch successfully between limp home and normal mode. The overall power consumption is ~ 2W.	

Execution type:	Manual
Estimated exec. duration (sec):	30.00
Priority:	Medium

Test execution engine:	
Test Category:	
Test Method:	
Required hardware assets:	
Binary file name:	
DUT parameters:	
Test script or logic:	
Script Arguments:	
Test case time out [in sec]:	
Keywords:	c_full m_pm tda2ex tda2xx tda3xx tda2px t_functional
Execution Details	
Build	PDK_Test_Plan_01.10.02_TDA2Ex_rc1
Tester	x0153534
Execution Result:	**Passed**
Execution Mode:	**Manual**
Execution duration (sec):	

Test Case pdk-tc-1033: visionsdk_power_measurement_usecase

Summary:

Vision SDK Power Measurement

Preconditions:
NA

#:	Step actions:	Expected Results:	Execution notes:
1	NA	Match the power measurements with previous estimates based on CPU load. Match the results with power estimation sheet.	

Execution type:	Manual
Estimated exec. duration (sec):	30.00
Priority:	Medium

Test execution engine:	
Test Category:	
Test Method:	
Required hardware assets:	
Binary file name:	
DUT parameters:	
Test script or logic:	
Script Arguments:	
Test case time out [in sec]:	
Keywords:	c_full m_pm tda2ex tda2xx tda3xx tda2px t_performance
Execution Details	
Build	PDK_Test_Plan_01.10.02_TDA2Ex_rc1
Tester	x0153534
Execution Result:	**Passed**
Execution Mode:	**Manual**
Execution duration (sec):	

1.2.Test Suite : MISC

Test Case pdk-tc-1034: pdk_build			
Summary:			
Daily and release build. All requirements/issues which are not testable but is part of the package and is verified			
Preconditions: NA			
#:	Step actions:	Expected Results:	Execution notes:
1	NA	Jenkin daily build and release build successful	
Execution type:	Manual		
Estimated exec. duration (sec):	30.00		
Priority:	Medium		
Test execution engine:			
Test Category:			
Test Method:			
Required hardware assets:			
Binary file name:			
DUT parameters:			
Test script or logic:			
Script Arguments:			
Test case time out [in sec]:			
Keywords:	c_sanity tda2ex tda2xx tda3xx tda2px t_functional m_common		
Execution Details			
Build	PDK_Test_Plan_01.10.02_TDA2Ex_rc1		
Tester	x0153534		
Execution Result:	**Passed**		
Execution Mode:	**Manual**		
Execution duration (sec):			

Test Case pdk-tc-1035: pdk_documentation			
Summary:			
Verify that the PDK package has latest release notes, API guide, datasheet, KW/MISRAC report, manifest and userguide			
Preconditions: NA			
#:	Step actions:	Expected Results:	Execution notes:
1	NA	Verify the presence of these documents	
Execution type:	Manual		
Estimated exec. duration (sec):	30.00		
Priority:	Medium		
Test execution engine:			
Test Category:			
Test Method:			

Required hardware assets:	
Binary file name:	
DUT parameters:	
Test script or logic:	
Script Arguments:	
Test case time out [in sec]:	
Keywords:	c_sanity tda2ex tda2xx tda3xx tda2px t_functional m_common
Execution Details	
Build	PDK_Test_Plan_01.10.02_TDA2Ex_rc1
Tester	x0153534
Execution Result:	**Passed**
Execution Mode:	**Manual**
Execution duration (sec):	

Test Case pdk-tc-1036: pdk_non_testable_requirements

Summary:			
These are the non-testable requriements because of EVM or testup limitation			
Preconditions: NA			

#:	Step actions:	Expected Results:	Execution notes:
1	NA	No check need to be performed	

Execution type:	Manual
Estimated exec. duration (sec):	30.00
Priority:	Medium
Test execution engine:	
Test Category:	
Test Method:	
Required hardware assets:	
Binary file name:	
DUT parameters:	
Test script or logic:	
Script Arguments:	
Test case time out [in sec]:	
Keywords:	c_sanity tda2ex tda2xx tda3xx tda2px t_functional m_common
Execution Details	
Build	PDK_Test_Plan_01.10.02_TDA2Ex_rc1
Tester	x0153534
Execution Result:	**Passed**
Execution Mode:	**Manual**
Execution duration (sec):	

Test Case pdk-tc-1037: pdk_customer_application

Summary:

This test is to hold the requirements which are done specifically for a customers and tested in customer application

Preconditions:	
NA	
Execution type:	Manual
Estimated exec. duration (sec):	20.00
Priority:	Medium
Test execution engine:	
Test Category:	
Test Method:	
Required hardware assets:	
Binary file name:	
DUT parameters:	
Test script or logic:	
Script Arguments:	
Test case time out [in sec]:	
Keywords:	c_sanity tda2ex tda2xx tda3xx tda2px m_common
Execution Details	
Build	PDK_Test_Plan_01.10.02_TDA2Ex_rc1
Tester	x0153534
Execution Result:	**Passed**
Execution Mode:	**Manual**
Execution duration (sec):	