

SWC_InpMgmt_AFE Test Report



Powering Business Worldwide

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Chapter 1. Overall Results

1.1. InpMgmt_AFE_Complex - Test Summary




Total Test Cases	Untested	Passed	Failed
3	0	1	2

1.2. InpMgmt_AFE_Complex - Test Coverage

Analyzed Model	SimMode	Complexity	Decision	Condition	Execution
SWC_InpMgmt_AFE	Normal	8	54%	50%	100%

Chapter 2. Test Description


2.1. InpMgmt_AFE_Complex - Test Cases

Test Case Name	Description	Result
InMgmt_AFE_INIT	Test that outputs contains initial values till 200us.	 Failed
InMgmt_AFE_RefDCV	Test that outputs contains initial values till 200us.	 Passed
InMgmt_AFE_IGBTTemp	Test that outputs contains initial values till 200us.	 Failed

Chapter 3. Test Summary


3.1. InpMgmt_AFE_Complex- TEST CASES

3.1.1. Test Case: InMgmt_AFE_INIT

Test Step: InMgmt_AFE_INIT_VerifyOutputs	Result
Inputs:	
HWIn_DCV_Act_ru=uint16(2149)	
Expected Results:	
InMgmt_DCV_Act_rf==uint16(2149)	 Failed
Actual Results:	
InMgmt_DCV_Act_rf = 1049	


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3.1.2. Test Case: InMgmt_AFE_RefDCV

Test Step: InMgmt_AFE_RefDCV_VerifyOutputs	Result
Inputs:	
HWInCom_Requested_DCV_Ref_ru=uint16(25)	
Expected Results:	
InMgmt_Requested_DCV_Ref_rf==uint16(25)	 Passed

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3.1.3. Test Case: InMgmt_AFE_IGBTTemp

Test Step: InMgmt_AFE_IGBTTemp_VerifyOutputs	Result
Inputs:	
HWIn_AFE_IGBTTemp=true	
Expected Results:	
InMgmt_AFE_IGBTTemp==false	 Failed
Actual Results:	
InMgmt_AFE_IGBTTemp = 1	

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