Autosar FEE 01.23.02

Data Sheet for TMS570LS0714

14th Mar 2016

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1 Memory FootPrint

Modules	In Bytes			
	.text	.const	.bss	.data
FEE	20692	1056	1392	13

Above readings were taken with following compiler settings:

Compiler version : 5.1.6

-mv7R4 --code_state=32 --float_support=VFPv3D16 --abi=eabi -O2 -g --diag_warning=261 --diag_warning=118 --diag_warning=225 --diag_error=189 --diag_error=994 --diag_error=551 --display_error_number --enum_type=packed

2 Performance Numbers on API's

API	Numbers In CPU Cycles @ 160 MHz	
	Ticks	Comments
TI FEE		
Fee_Init()	2547466	Create two active VS, one each for EEPROM1 and EEPROM2.
Fee_MainFunction()	2050	Complete Pending INIT writes.
Fee_Write()	10084	
Fee_MainFunction()	37012	Measure time to complete write job.(block size = 8. Total 40 bytes)
Fee_MainFunction()	751	When no jobs are pending.
Fee_Read()	3679	
Fee_MainFunction()	1608	Measure time to complete Read job(8 bytes)
Fee_InvalidateBlock()	1230	
Fee_MainFunction()	2035	Measure time to complete Invalidate job.
Fee_EraseImmediateBlock()	1514	
Fee_MainFunction()	2041	Measure time to complete

		EraseImmediate job.
Fee_Cancel()	318	
Fee_GetJobResult()	209	
Fee_GetVersionInfo( )	73	
Fee_GetStatus( )	303	

Note: For above readings, 4 physical sectors, each of 4K were combined to one virtual sector forming 16K. Two EEPROM's, each using two 16K virtual sectors.