

Autosar FEE 01.23.02  
Data Sheet for TMS570LS1227  
15<sup>th</sup> Mar 2016

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## 1 Memory FootPrint

Modules	In Bytes			
	.text	.const	.bss	.data
FEE	18856	128	1012	13

Above readings were taken with following compiler settings:

Compiler version : 5.0.4

```
-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
<b>TI FEE</b>		
Fee_Init()	2843034	Create two active VS, one each for EEPROM1 and EEPROM2.
Fee_MainFunction()	2082	Complete Pending INIT writes.
Fee_Write()	9501	
Fee_MainFunction()	29786	Measure time to complete write job.(block size = 8. Total 40 bytes)
Fee_MainFunction()	746	When no jobs are pending.
Fee_Read()	2112	
Fee_MainFunction()	1608	Measure time to complete Read job(8 bytes)
Fee_InvalidateBlock()	1258	
Fee_MainFunction()	2018	Measure time to complete Invalidate job.
Fee_EraseImmediateBlock()	1468	
Fee_MainFunction()	2050	Measure time to complete

		EraseImmediate job.
Fee_Cancel()	324	
Fee_GetJobResult()	183	
Fee_GetVersionInfo( )	82	
Fee_GetStatus( )	335	