

Feature as per datasheet	Status (%)	Remarks
Instruction Set	100	-
Timer/Counter0	100	-
Timer/Counter1	100	-
Interrupts		Some progress made by SI2020 but logic yet to be coded and implemented; Slightly tricky to implement ~ MPD
Dead Time Generator	0	To be done
Universal Serial Interface	-	Not required for eSim
10bit-ADC	50	ADC code model made, to be integrated into eSim
On-Chip debugger	-	Not required since C code takes care of debugging

Overall Completion Status*	70%
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* considering each feature has equal weightage