Functions	WCET (ms) **	Period (ms)	Deadline (ms)	Allocated to	Task priority
Input acquisition	2.5	10	20	Acquisition Task	1
Input interpretation	2.32	40	80		
Diagnosis	1.52	10	20	Failure Management Task	4 (highest priority)
Speed setpoint	3.5	40	80	Setpoint Task	2
Limp home	1.03	10	20	Control Task	3
Application condition	3.92	40	80		
Basic function	2.08	40	80		
Controller	1.4	40	80		