

















Task: Tachometer (external interrupt) now = getTime(); period = then - now; //overflow? then = now; return; Task: FanPWM (periodic, hard constraint) count++; if (count == 0) GP0 = 1; if (count > Thi) GP0 = 0; return;		Task: TempControl (periodic, soft constraint) if (Temp > setpoint) Thi++; if (Temp < setpoint) Thi; if (period <min period=""   ="">max) GP4 = 1; Task: Main Thi = 0; setup timer for 1ms interrupt; setup timer for 100ms interrupt; while (1);</min>	
Tach	~4	2 (period, then)	4 * 60 = 240
FanPWM	~8	1 (count)	8 * 1000 = 8000
TempControl	~10	1 (THI)	10 * 2 = 20

















