

Timer, prescaler 1:1, $F_{osc} = 4\text{MHz}$
 $T_{osc} = 1\mu s$, Timer 1 = 16 bits \rightarrow Max value
 65535 before rollover $\rightarrow 65536\mu s / \text{interrupt}$
 $\approx 15 \text{ interrupts/sec}$

