

Using ACLK @ 32kHz, up mode. We want a delay of 1 second. What TAOCCR0 would we need?

$$\frac{32768}{x} = \frac{2\text{sec}}{1\text{second}}$$

$$2x = 32768$$

$$x = 16384 \text{ cycles}$$

	Divisor	ID	cycles	time	TAOCCR0
~20 blinks	1	0	16384-1	2	1
	2	1	8192	4	2
	4	2	4096	8	4
	8	3	2048	16	8

@ .1 seconds  $\frac{32768}{x} = \frac{2}{.1}$

$$3276.8 = 2x \quad \text{TAOCCR0}$$

$$x = 1638.4 \sim \rightarrow 1639$$

Flashes quickly

@ .01 seconds  $\frac{32768}{x} = \frac{2}{.01}$  TAOCCR0

$$2x = 327.68 \sim 328$$

So fast its solid