



$V_{CC} = 3V$
 $V_{th-} = 0.8V$
 $V_{th+} = 2V$
 Charge equation:
 $V_{th+} = V_{CC} * (1 - e^{-(t/R2 * C2)})$
 $\theta R2 = 499k, C2 = 1\mu F, \text{ charge time} = 0.55s$
 Discharge equation:
 $V_{th-} = V_{CC} * e^{-(t/R2 * C2)}$
 $\theta R2 = 499k, C2 = 1\mu F, \text{ discharge time} = 0.66s$

v12 Changelog:

* Modified male connector to have posts, added a more defined landing point

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