



VCC = 3V
 Vth- = 0.8V
 Vth+ = 2V
 Charge equation:
 $V_{th+} = VCC * (1 - e^{(-t/R2 * C2)})$
 @R2=499k, C2=1uF, charge time = 0.55s
 Discharge equation:
 $V_{th-} = VCC * e^{(-t/R2 * C2)}$
 @R2=499k, C2=1uF, discharge time = 0.66s

v12 Changelog:

* Modified male connector to have post holes and more defined landing points

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