VCC

S1

R1
499k

VCC

1
2
3

JP7

GREEN
LED1

C2
1uF

GND

GND

GND

200
R2

GND

GND

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

v12 Changelog:
  * New footprint (with posts) for male connector
  * Moved resistor and capacitor on RC circuit

Design by: Jim Lindblom

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TITLE: logicBlocks-Input-v12 | SFE

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