

R1, R6 33k
 R2, R4, R15, R10 68k
 R3, R5 2.5k
 R7 10k
 R8, R11 200
 R9 2 (Metal Film)
 R12, R17 100
 R13, R14, R16 1.5k

(ALL 1/4 W)

C1 10uF 400V Poly Film
 C2 10uF 10V Ceramic
 C3 200uF 30V Electrolytic
 C4 2.2uF 50V Ceramic
 C5 100nF 10V Ceramic

U1 IPP60R190P6 FET
 U2 IRL540N

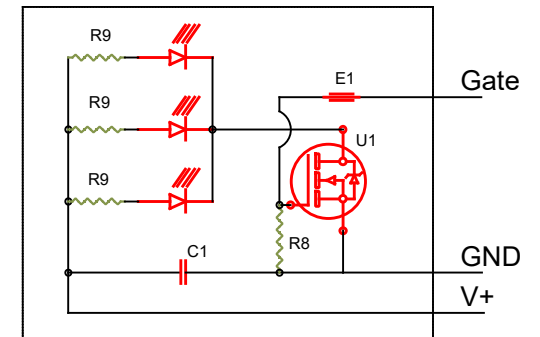
D1, D4 BAT85S Schottky
 D2 1N4001
 D3 4.7V Zener

E1 86ohm @ 1mHz

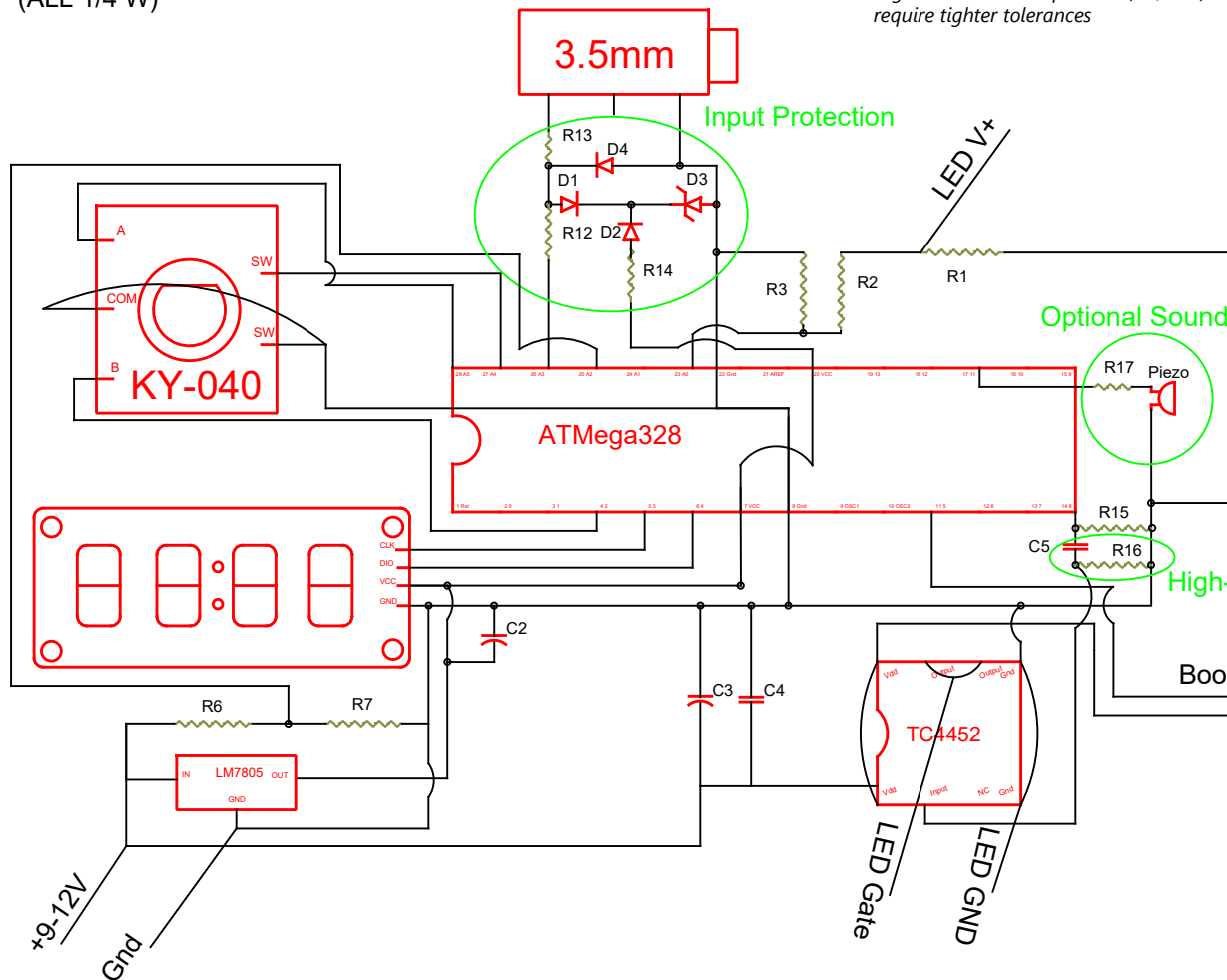
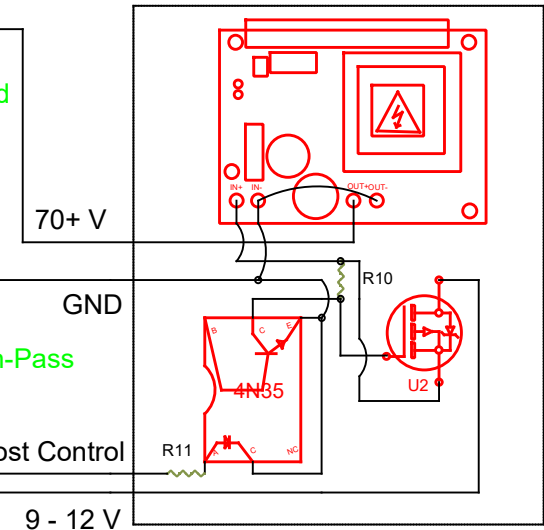
Tie all unused MC pins to ground

*High-Pass Filter components (C5, R16)
 require tighter tolerances*

LED Bank x4



Boost Converter



TITLE Complete Circuit Diagram		FILE Edgerton - High Speed Flash
DATE 2019-06	REV 1.1	Tyler Gerritsen www.td0g.ca