



SW1 = Power button
 SW2 = Reset button
 LED1 = Onboard status LED
 LED2 = External (chassis) LED

R1, R3, R5, R6, & R7 = 10K OHM
 R2 & R4 = 150 OHM
 D1 - D3 = 1N4004 Rectifier Diode (clamp)
 RLY1 - RLY3 = Omron G5V1 SPDT Relay (Coil = 5V @ 37.5mA)
 U1 = Arduino Micro
 Q1 - Q4 = 2N3904 NPN Transistor
 C1 = 0.1 uF Cap (ceramic)

C2 = 10uF Cap Polar Electrolytic Axial
 SW1 & SW2 = Push button (momentary)
 U2 = 7805 5V DC voltage regulator

NOTE: Each I/O pin on the Arduino Micro allows 40mA max draw

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