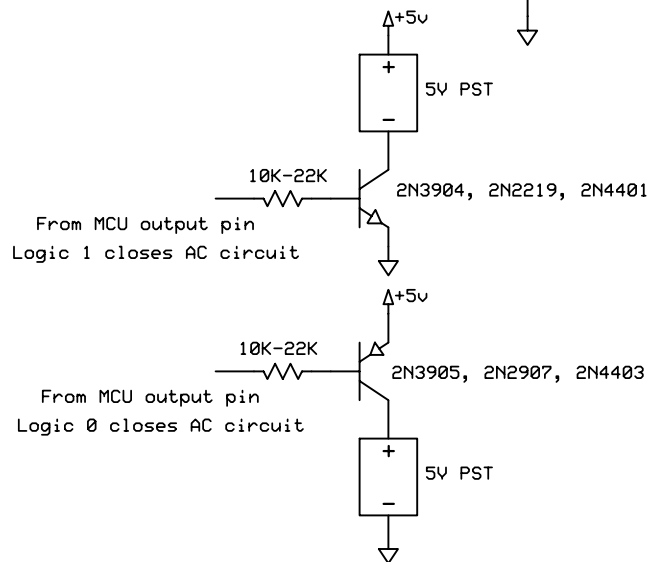
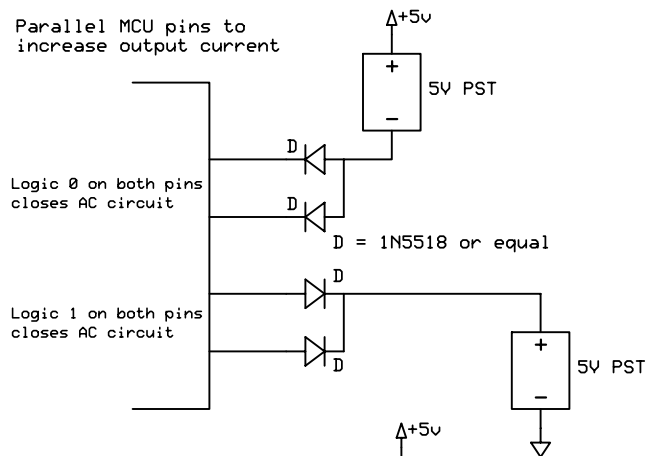
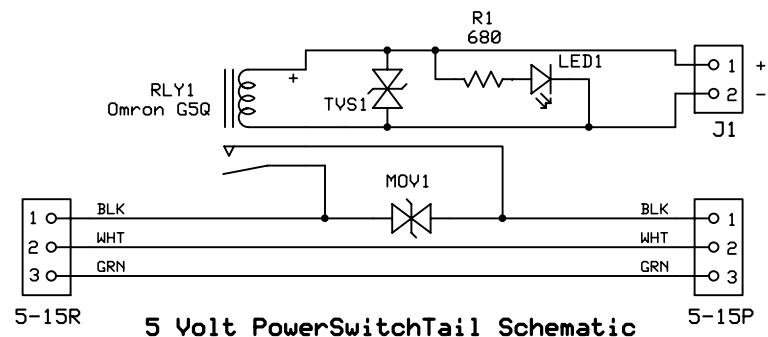


Parallel MCU pins to increase output current



Typical MCU/PIC/STAMP/TTL/CMOS Interface Circuits



**Hookup Instructions:**

1. The 5 Volt PowerSwitchTail is designed to operate with a drive voltage of 4.5 - 5 volts dc @ 40 ma to reliably energize the AC circuit. In practice, most units will operate with as little as 3 volts. If your actuating source does not have sufficient drive, use one of the driver methods shown.
2. Connect the actuating signal to the terminal block on the 5 Volt PowerSwitchTail. Using a small screwdriver, access the terminal block screws from the top of the unit. If necessary, turn the screws counter-clockwise to open the terminal contacts. Strip back 1/4-in of insulation from the signal wires and insert the stripped ends into the terminal block contacts through the holes (observing correct polarity) on the side of the 5 Volt PowerSwitchTail. Tighten the terminal block screws and verify the contacts firmly grip the signal wires. Any size insulated wire #18 through #26 gauge may be used. (Standard CAT3/5 twisted pair cable works fine.)
3. Energize the signal source and verify the LED indicator on the 5 volt PowerSwitchTail lights up. If the LED does not light up, recheck the polarity of the signal source.
4. If the indicator turns on and off in sync with the signal source, plug the 5V PowerSwitchTail into the AC power source and the AC device (load) into the 5 Volt PowerSwitchTail. The AC circuit is now energized whenever the LED is on.

**Specifications:**

AC input: NEMA 5-15P Plug  
 AC output: NEMA 5-15R Receptacle  
 Switching capacity: 10 amp @ 125v ac, 3 amp @ 250v ac, 5 amp @ 30v dc, resistive.  
 Current capacity should be derated for inductive and capacitive loads.  
 DC input: 5 vdc nominal, 40 ma (200mw)  
 Operate times: 10 ms max actuate, 5 ms max release  
 Life expectancy: 50,000 operations @ 10 amp, 125v ac  
 Isolation: 4,000v ac @ 50/60 Hz, 8,000 volts impulse

For assistance, please contact us at support@powerswitchtail.com.

**www.PowerSwitchTail.com**

5 Volt PowerSwitchTail Instructions

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