



- S1 & S2 applies to switches/contacts, etc.
- S1 is wired as sourcing type switch and requires 10k pull-down resistor
- S2 is wired as sinking type switch and requires no pull-up resistor (use 'Active Low' setting in BruControl)
- U1 & U2 applies to digital sensors, 5V, PNP (sourcing or sinking)
- If U1 & U2 require more than 5V supply, voltage divide output to match ~5V to MEGA input.
- Wire as many as needed, connecting to pins per Interface Wiring Map
- If sensor is Pulse Generator type, wire to pins which accept Counter Input per Interface Wiring Maps
- If using internal 5V regulator as shown, ensure not to overcurrent regulator (250mA max). Otherwise use external 5V power supply (5V max).

NOTE: IGNORE PIN FUNCTIONS ABOVE (e.g. PWM) - see Interface Wiring Map for available function per pin