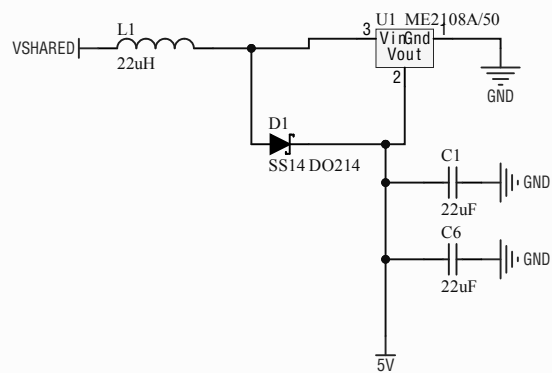


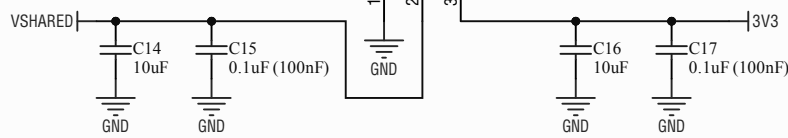
ATmega328 Playground

DC-DC Boost Regulator for 5.0V

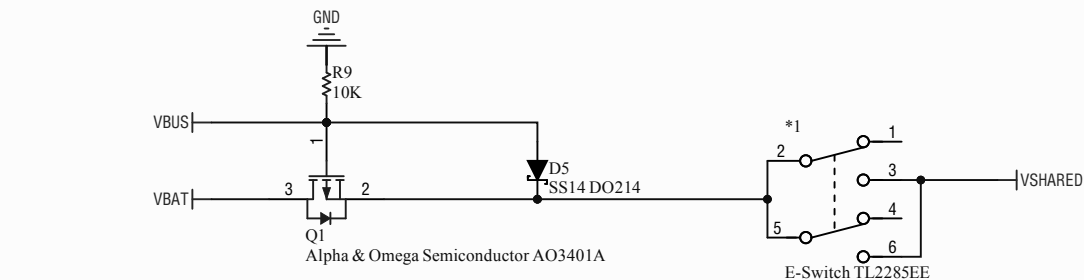


LDO Regulator for 250mA @ 3V3, Dropout 90mV

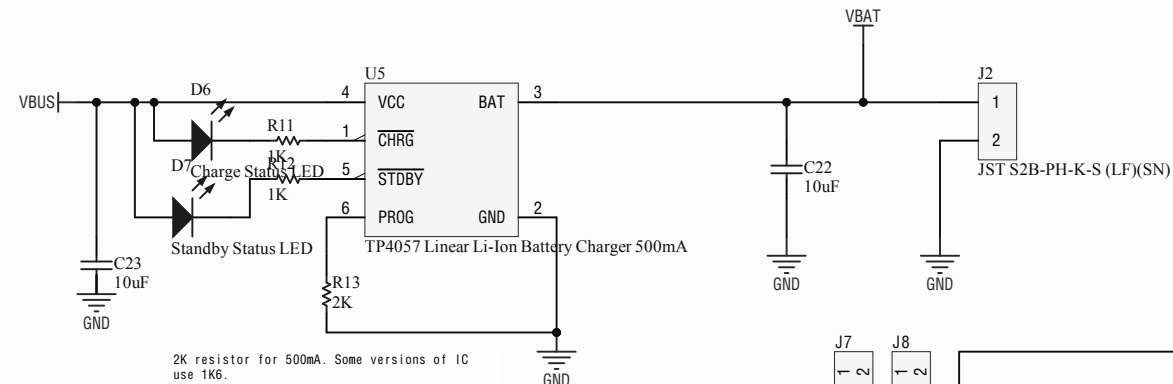
The HT7333 is a true LDO! It only has around 90mV dropout compared to the AMS1117 which is 1.1V (1.1 Volts! Not millivolts)!



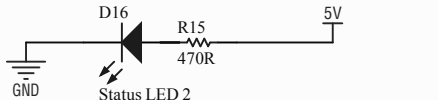
Load Sharing



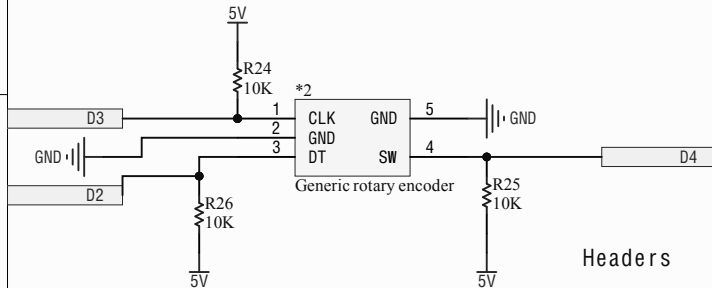
Li-Po Charge Management (500mA)



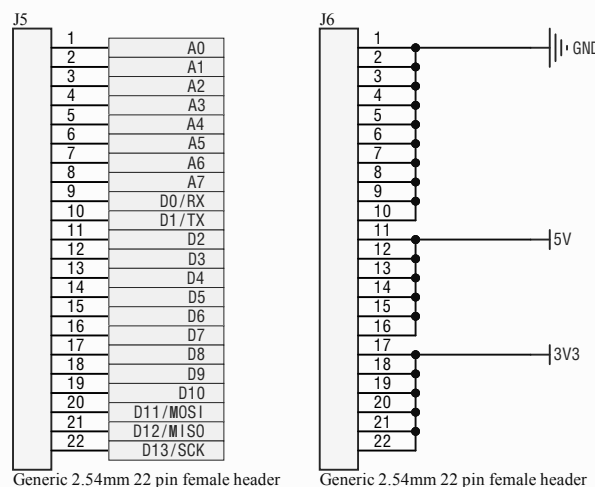
Power On Indicator



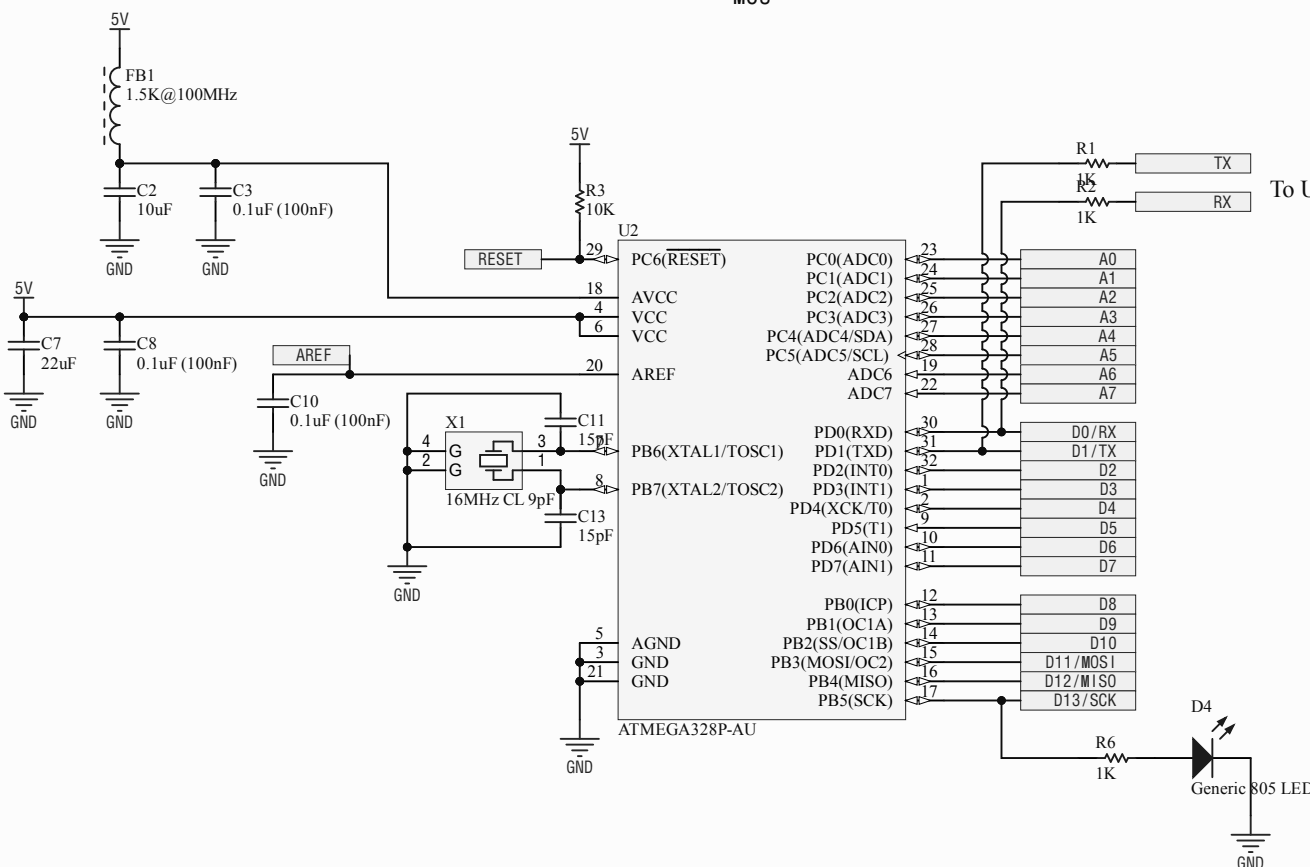
Rotary Encoder Input



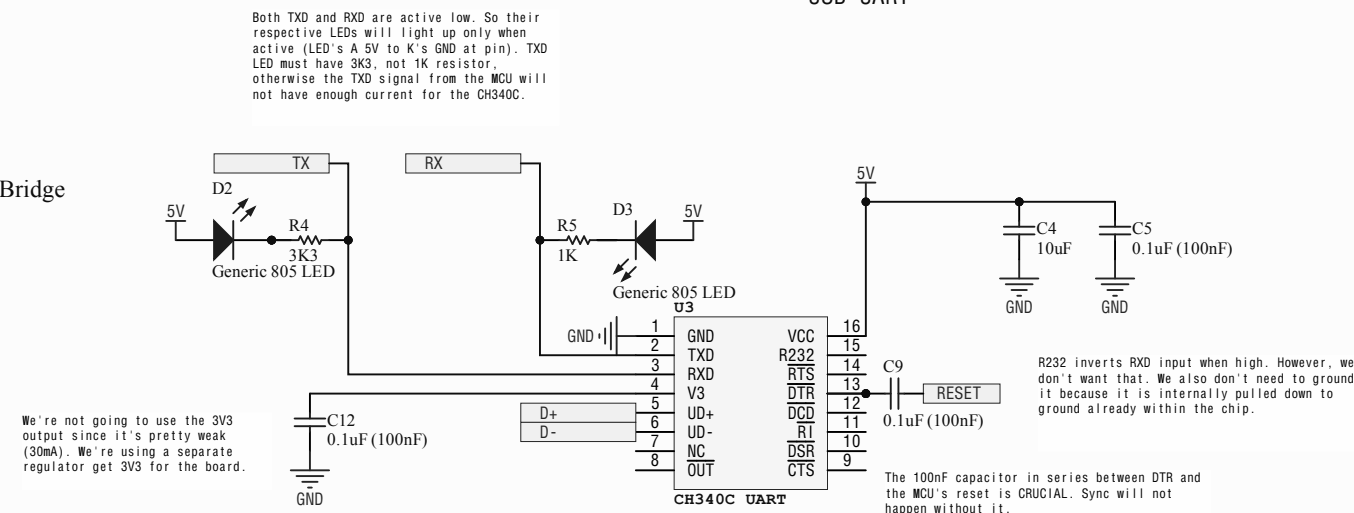
Headers



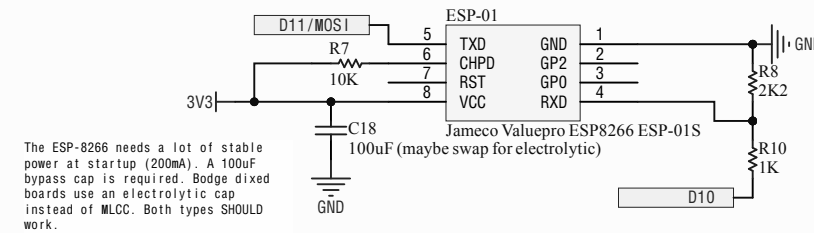
MCU



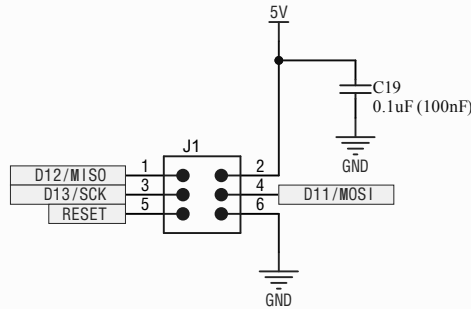
To USB-Serial Bridge



ESP-8266 WiFi Support

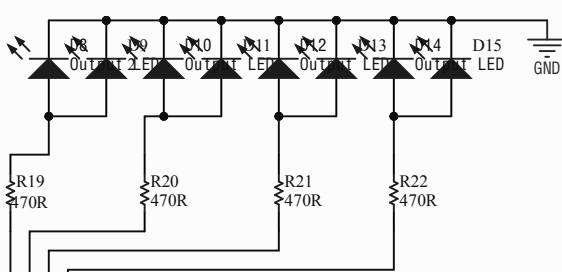


ATMEL ICSP Programming Port

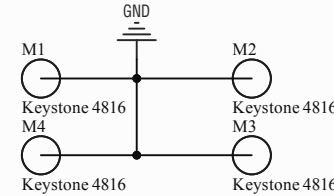


Demultiplexed LED Output

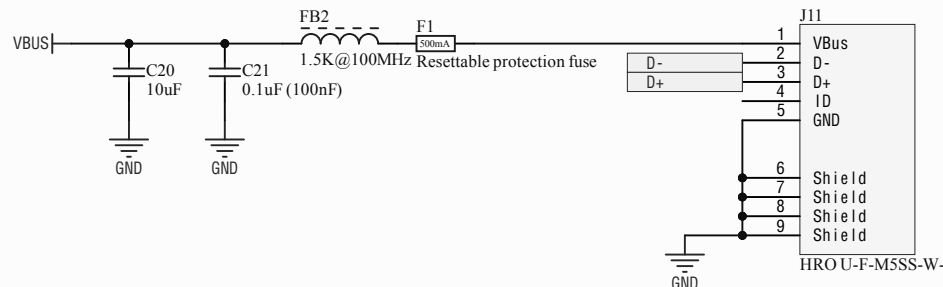
5mm LEDs placed in parallel to 805 LEDs so we have the option of installing either type.



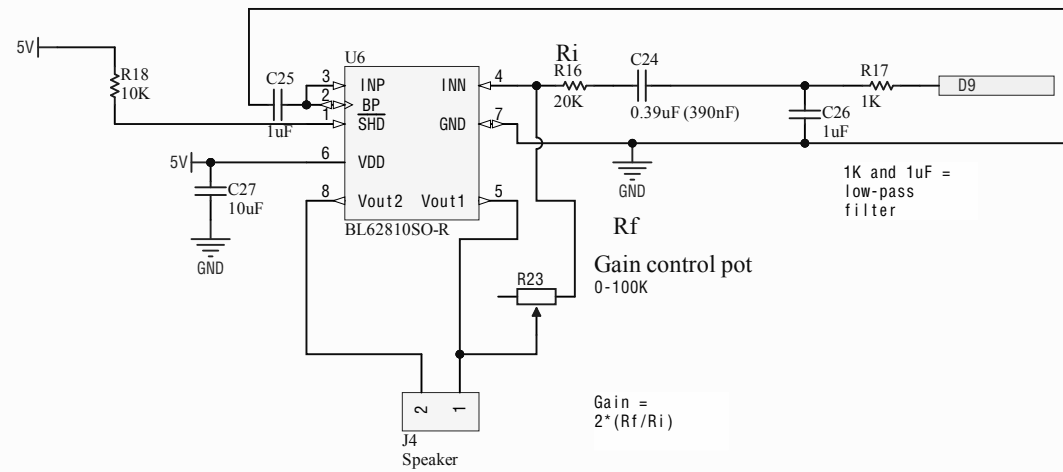
Mounting Holes



USB Connection



Amplifier



Test Points

