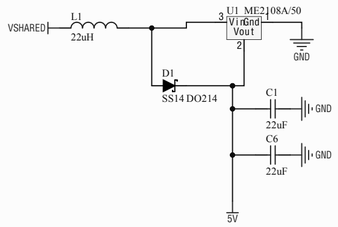
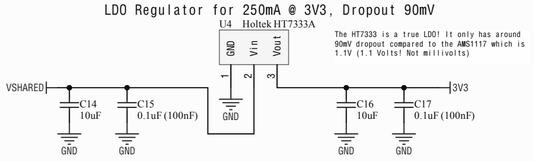
ATmega328 Playground

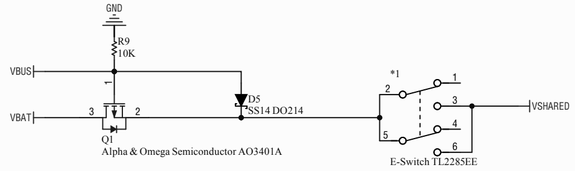
DC-DC Boost Regulator for 5.0V



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



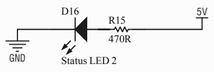
Load Sharing



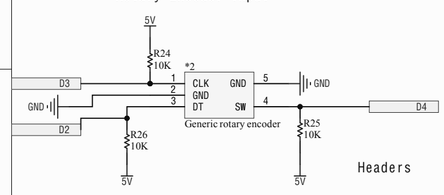
Li-Po Charge Management (500mA)

I2C

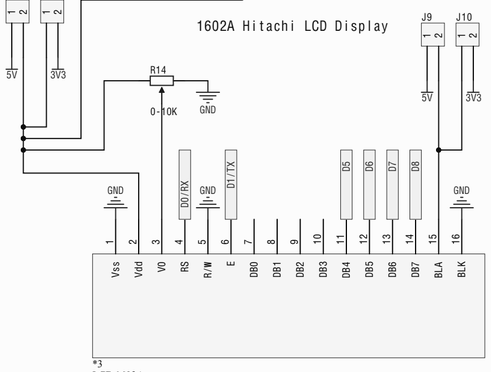
Power On Indicator



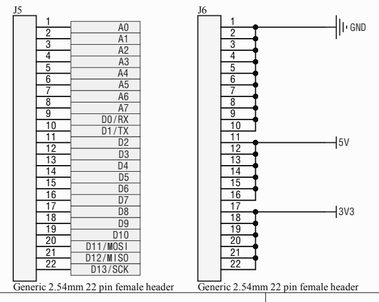
Rotary Encoder Input



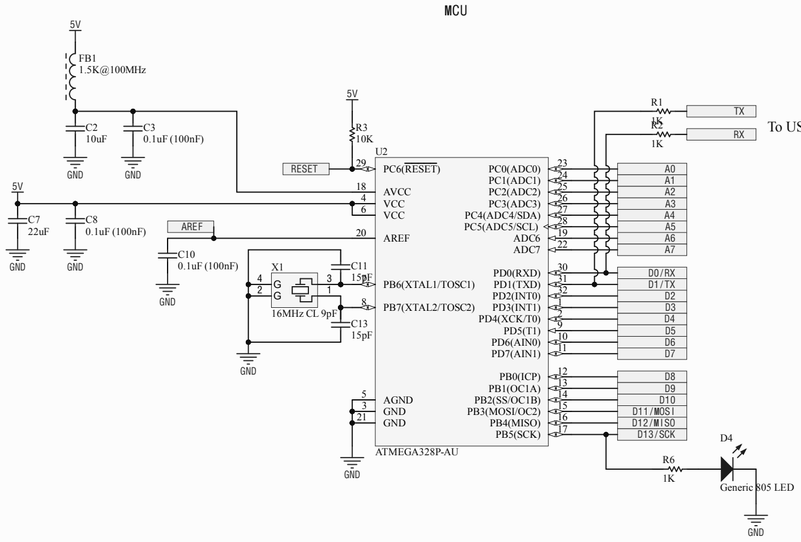
1602A Hitachi LCD Display



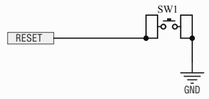
Headers



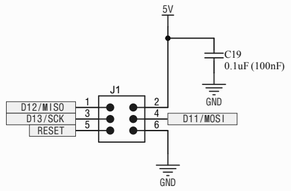
MCU



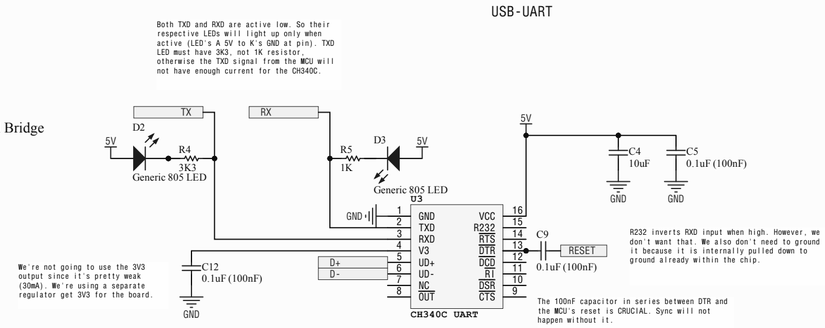
Manual Reset



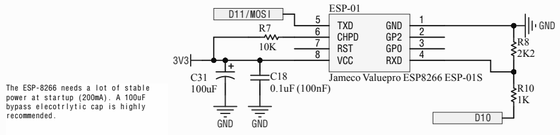
ATMEL ICSP Programming Port



USB-UART

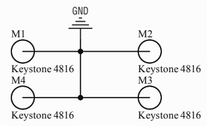


ESP-8266 WiFi Support

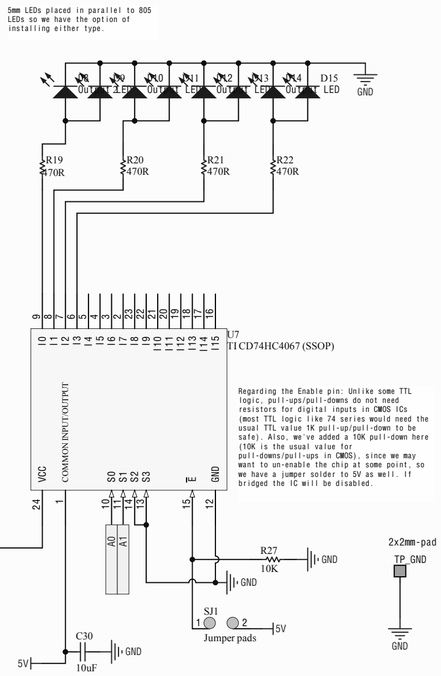


USB Connection

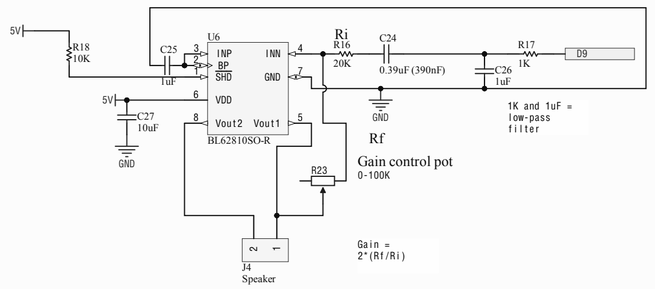
Mounting Holes



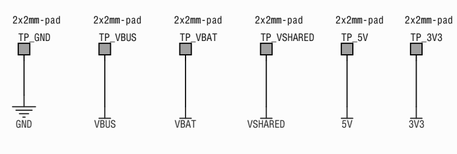
Demultiplexed LED Output



Amplifier



Test Points



Hisham Khalifa

Title: Yaduino Mk I		
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Date: 9/05/2022		Sheet 1 of 1
File: ATmega328Playground.SchDoc		Drawn By: Hisham Khalifa