



- Cut jumpers A4 and A5 on back of board when using pins for analog input to disable logic level conversion used for I2C pins.



**LEDs** 

Power (ON): Green

User (13): Blue

RX: Yellow

## **Power** ATmega328P 8-bit Atmel AVR

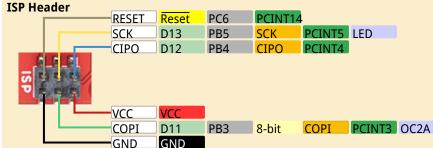
VIN: 7V-15V via barrel jack 5V (VBUS): 5V via USB C or 5V voltage regulator (LM1117) 3.3V: Output of 3.3V voltage regulator (AP2112)

I/O logic levels (IOREF, VCC): 5V or 3.3V depending on switch

Absolute maxiumum VCC: 6V Maximum current for chip: 200mA Maximum current per pin: 40mA Recommended current per pin: 20mA Flash Program Memory: 32kB **EEPROM:** 1kB

TX: Green

Internal SRAM: 2kB ADC: 10-bit PWM: 8-bit



## USB

- USB Pins are broken out to pads on back.
- Data Pins are connected to the CH340.
- Add solder to BYP jumper to bypass fuse.



