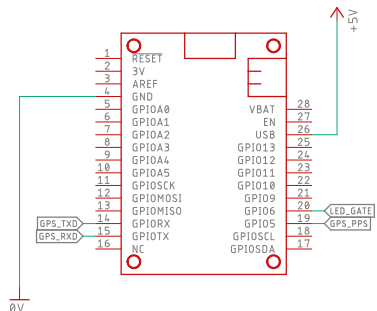
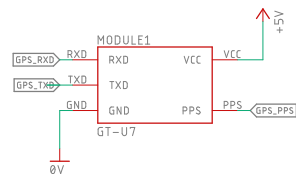


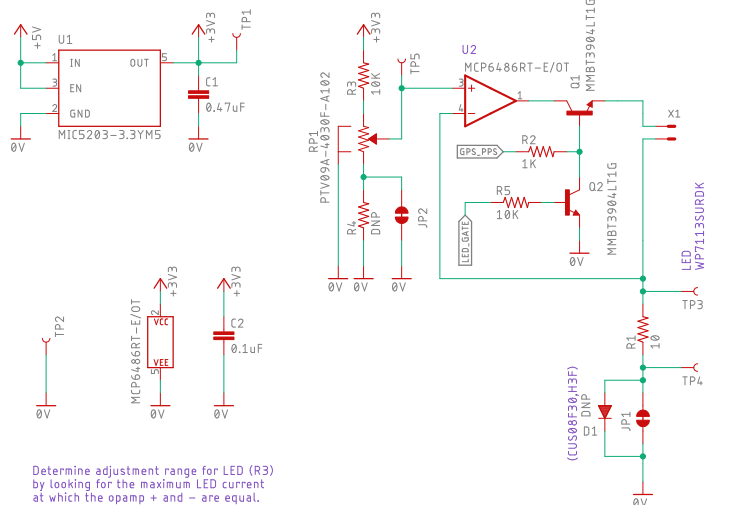
StampOfApproval



Requires:
1 x PPC121LFBN-RC
1 x PPC161LFBN-RC



LED Driver (Analog, Constant Current, Adjustable)



Determine adjustment range for LED (R3) by looking for the maximum LED current at which the opamp + and - are equal.

Set R3 to only allow the pot to be adjustable within that range.

Measure between TP5 and TP4 and TP3 and TP4 to get the 2 voltages to compare.

LED Current = Voltage between TP3 and TP4 / R1

Fudicials



Power Budget:

Adafruit ESP32-S3 Reverse TFT Feather: 100-150mA @ 5V

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Version: 0.9a

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