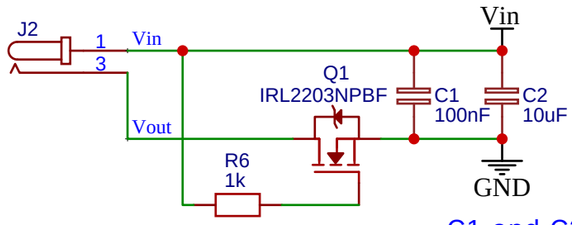
Vin is connected to LED strip, thus check if your LED strip is 5 or 12V
WS2812B = 5V
WS2815 = 12V



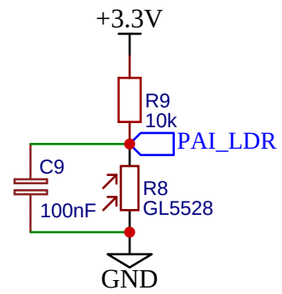
C1 and C2
filter Vcc so when a crappy adapter is used
and the LED switches they wont blink
Can be adjusted if LEDs still blink;
I prefer 1 high and 1 low filter

Q1 Is reverse voltage protection
Short Vout+GND and remove R6 to overtule

Chanelog:
V1 2020-06-26 init
V1.1 2020-07-13 Made more stable, added reverse protection and LDR
V1.2 2020-07-15 Reversed potmeters pinout to make left low

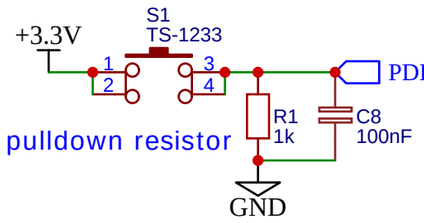
J3, J4, J5
are optional/reserved

This part is to sense room lighting conditions

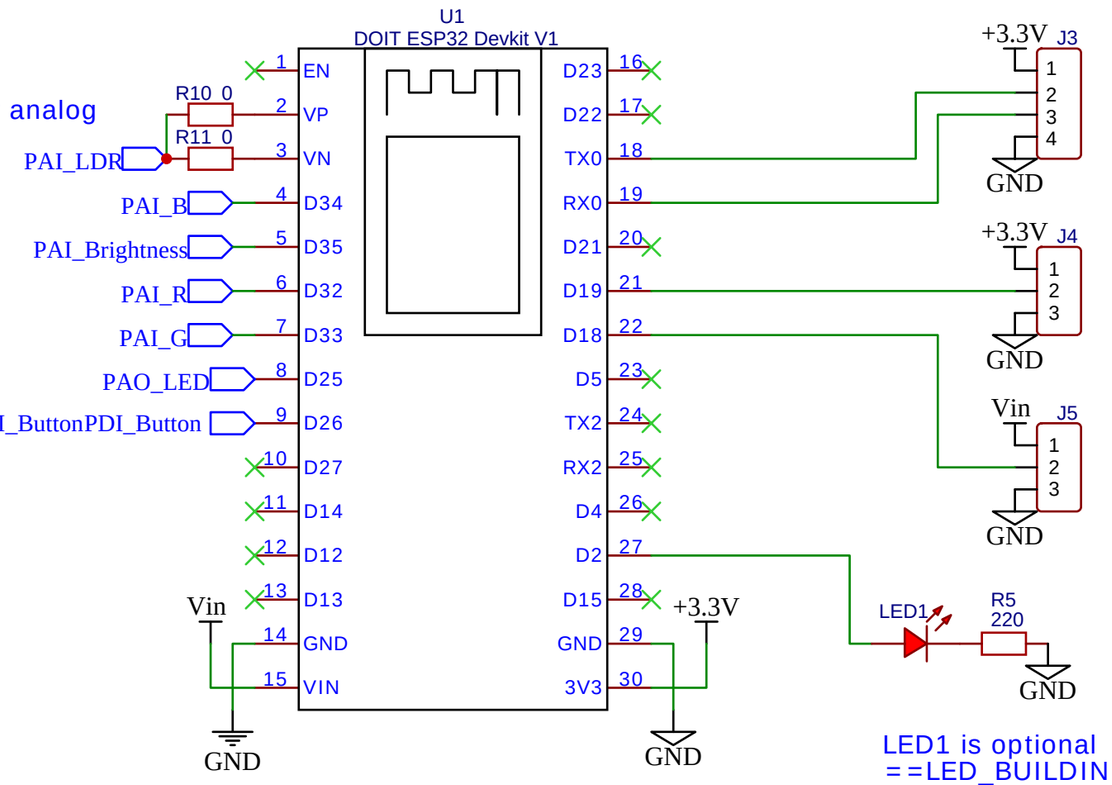


only ADC1 works with WIFI on,
so we need to use pins 32 to 39 for analog

```
const byte PAO_LED = 25;
const byte PAI_R = 32;
const byte PAI_G = 33;
const byte PAI_B = 34;
const byte PAI_Brightness = 35;
const byte PDI_Button = 26;
```



R1 is a pulldown resistor

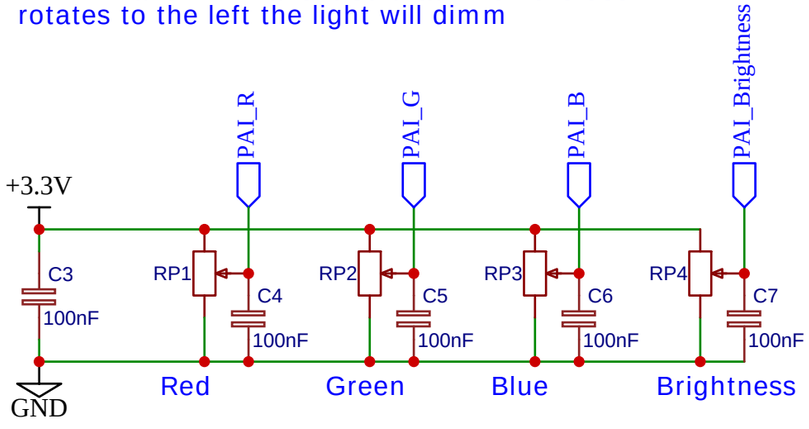


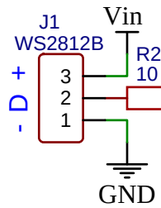
LED1 is optional
==LED_BUILDIN

C3 helps with sudden drops between readings,
when the LED blink (full/low power)
the POTs seemed unstable otherwise

C4-C7 makes reading more stable
(OEM suggestion)

RP1-4 make will make it so that when the user
rotates to the left the light will dimm





R2 is a datapin resistor for impedance matching
Data suggest between 10 and 330ohms
My quick measurements tell me that 220 is fine,
but 10ohm with such sort cable is better

TITLE: Schematic		REV: 1.1
EasyEDA	Company: Your Company	Sheet: 1/1
	Date: 2020-07-13 Drawn By: Jellewho	