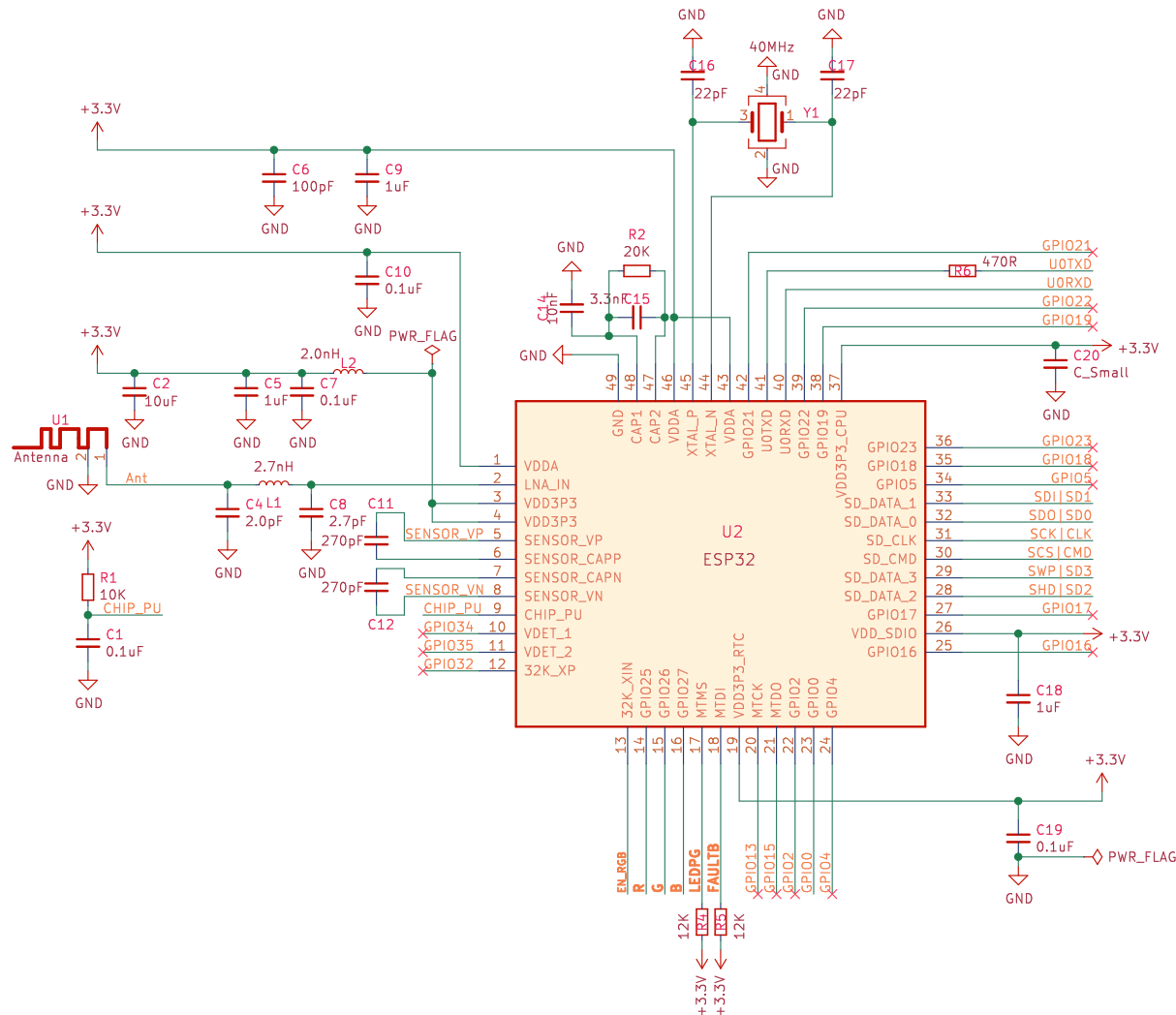
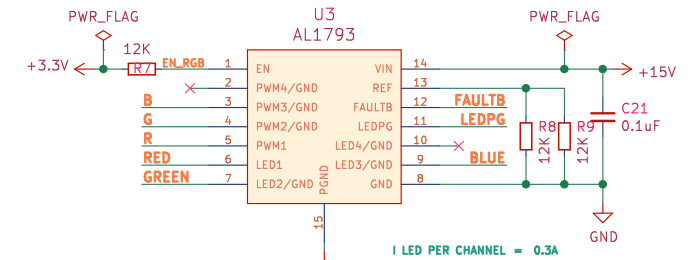


WIFI/BLE Controller



LED Driver



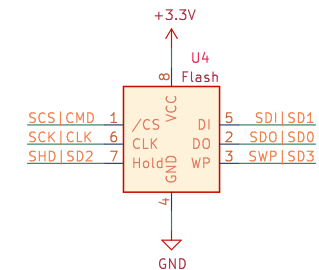
1 LED PER CHANNEL = 0.3A

AL1793 FOR RGB LED

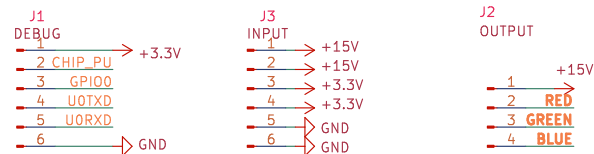
$$I_{LED} = 2000 * \frac{V_{REF}}{R_{SET}}$$

R_{SET} = CURRENT LIMITING RESISTOR
 I_{LED} = MAXIMUM DRIVING LED CURRENT
 V_{REF} = 1.5V

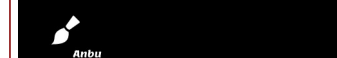
FLASH



Connectors



Title: WIFI/BLE CONTROLLER



File: hueControl.sch

Sheet 1 of 1

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Designer :	AnbuSeelan
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Rev:

Id: 1/1