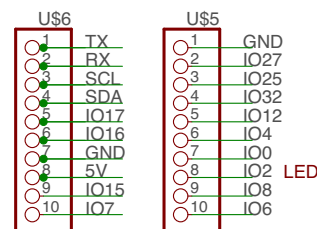
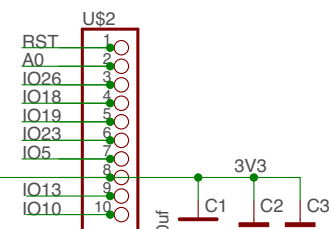
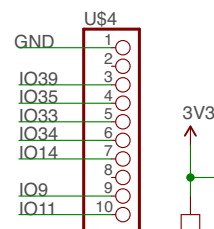


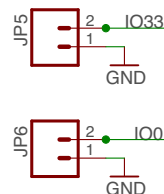
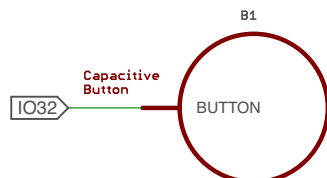
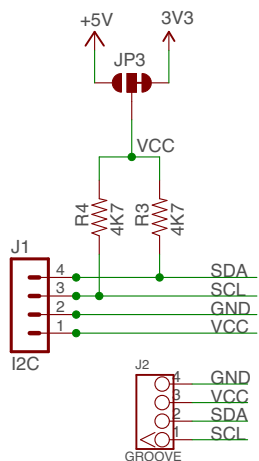
Diode bypass jumper is used when you need to power panel thru USB of the ESP32 5V out pin. Take care that USB can not deliver much power, so use for testing with small panels with low brightness. It's for advanced user, in majority case you need to provide 5V power with external power DC jack or with barrier X1 or X2



LED

C1, C2, C3 are footprint to add capacitor to poor 3.3V Vout of esp32 on board regulator. This one is not output filtered enough resulting sometimes with brownout reset loop. Now you can plug radial or 1 (or 2) SMD 0805 in //

I2C Default set to 3.3V  
Move solder to set to 5V



ESP32 Matrix Shield

File: WeMos-Matrix-Shield-DMA

16/03/2021 18:33

Charles-Henri Hallard

Sheet: 1/1

Rev:1.9