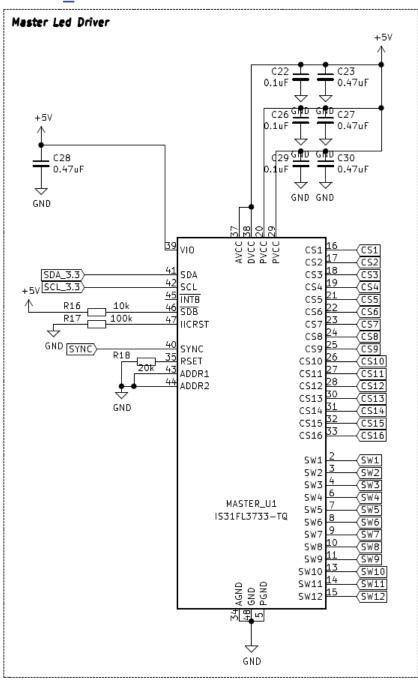
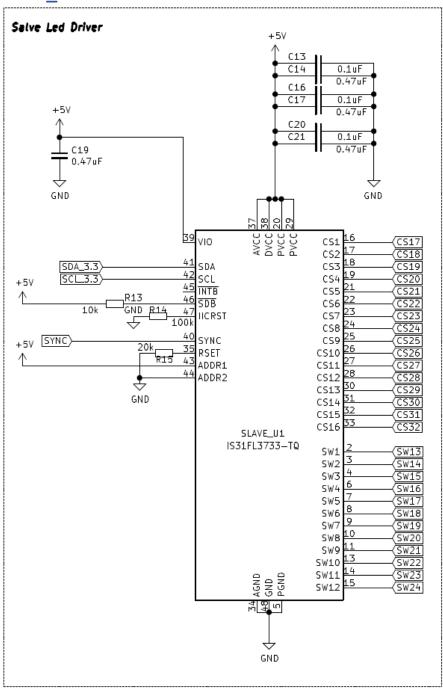
# Master\_U1 LED Driver



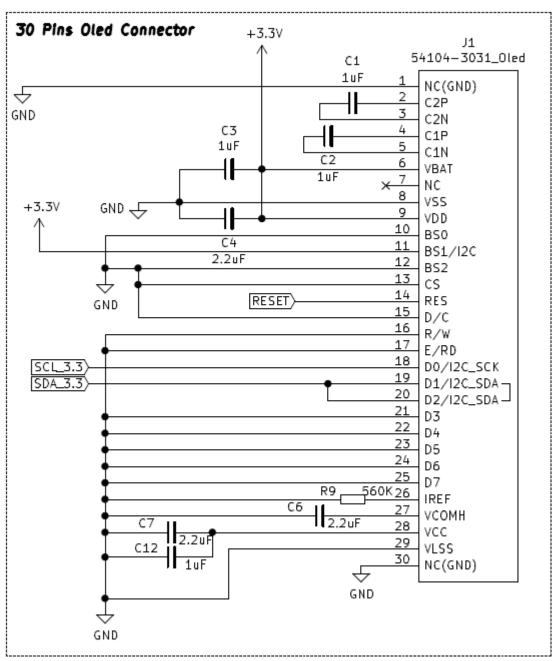
R16 should be 100k

# Slave\_U1 LED Driver



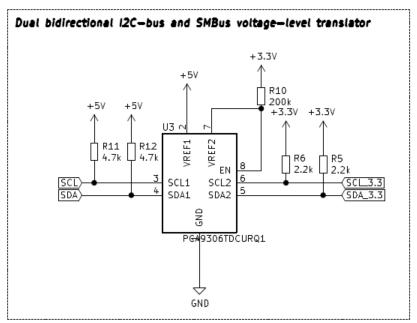
R13 should be 100k

#### **OLED Driver**



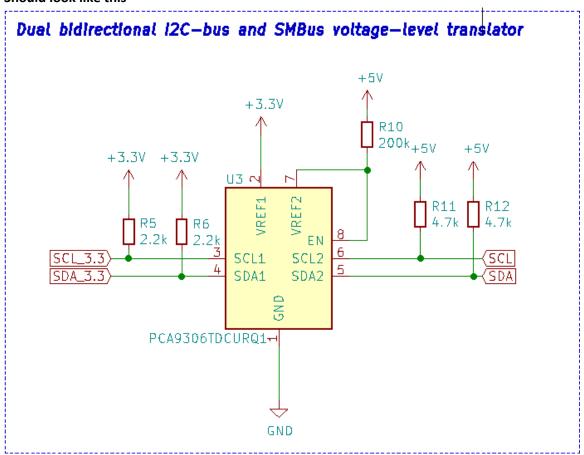
Connect the NC (pin 7) to GND

## **12C Level Shifter**

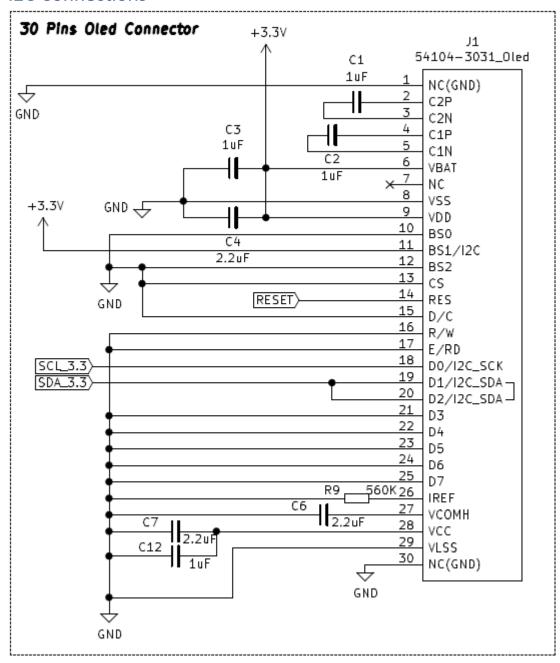


Swap +5V and +3.3V for all signals, this may be on breadboard.

#### Should look like this

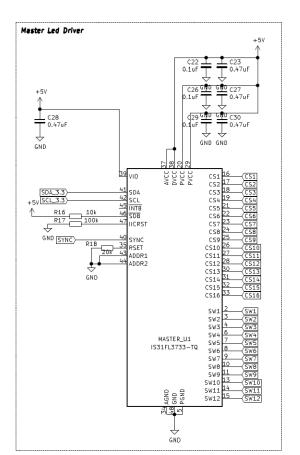


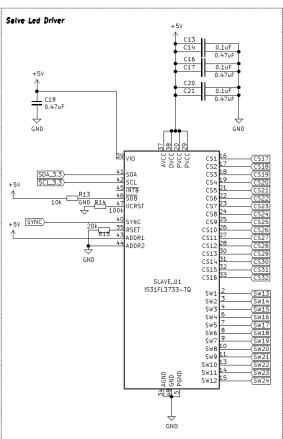
### **I2C Connections**



Connect pin 18 to new voltage-level translator SCL\_3.3.

Connect pin 19 and pin 20 to new voltage-level translator SDA\_3.3.





Connect pin 41 on both Master and Slave together to new voltage-level translator SDA. Connect pin 42 on both Master and Slave together to new voltage-level translator SCL.