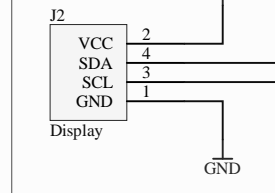


## Oled Display



I2C\_SDA I2C\_SCL

+3V3

SW1\_LEFT

SW1\_ENTER

J3

3V3[1]  
GPIO2/SDA  
GPIO3/SCL  
GPIO4/GPCKL0  
GND[1]  
GPIO17/GEN0  
GPIO27/GEN2  
GPIO22/GEN3  
3V3[2]  
GPIO10/MOSI  
GPIO9/MISO  
GPIO11/SCLK  
GND[2]  
ID\_SD  
GPIO5  
GPIO6  
GPIO13  
GPIO19  
GPIO26  
GND[3]

Raspberry Pi 4

5V[1]  
5V[2]  
GND[8]  
TXD0/GPIO14  
RXD0/GPIO15  
GPIO18  
GND[4]  
GEN4/GPIO23  
GEN5/GPIO24  
GND[5]  
GEN/6GPIO25  
CE0/GPIO8  
CE1/GPIO7  
ID\_SC  
GND[6]  
GPIO12  
GND[7]  
GPIO16  
GPIO20  
GPIO21

+5V

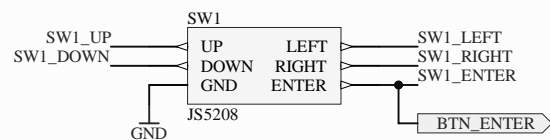
SW1\_UP  
SW1\_RIGHT  
SW1\_DOWN

SHUTDOWN

PowerSupply\_LOWBAT

GND

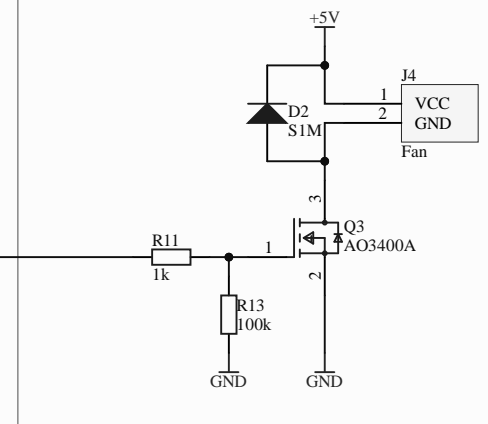
## Navigation Button



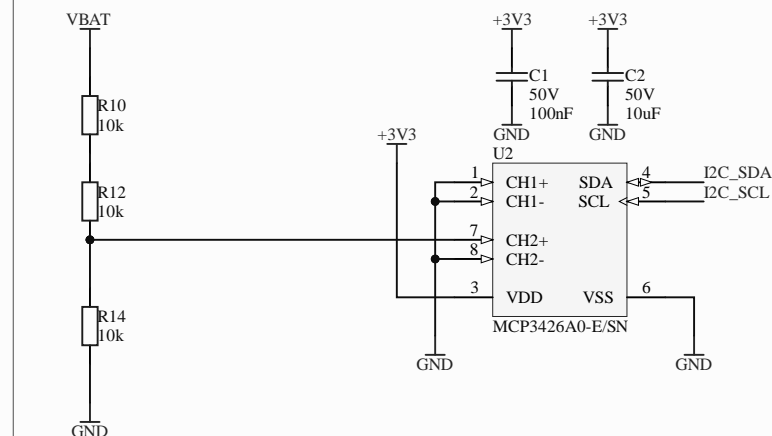
GND

BTN\_ENTER

## Fan Control Circuit



## Voltage and Current Measurement



+3V3

+3V3

C1

50V

100nF

GND

C2

50V

10uF

GND

U2

CH1+

CH1-

CH2+

CH2-

VDD

VSS

MCP3426A0-E/SN

GND

GND

GND

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## A



## 1



## C



## 1



