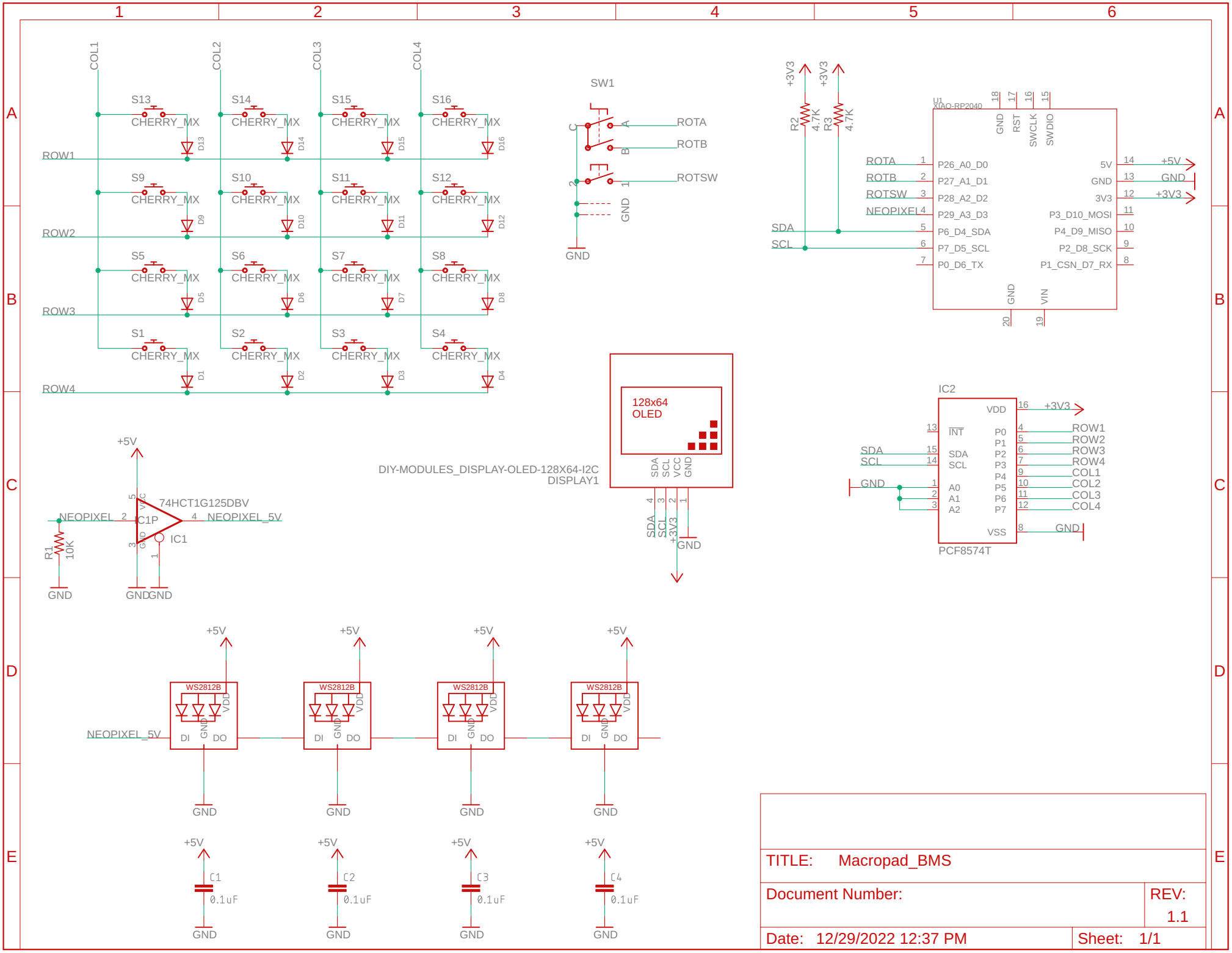
COL1
COL2
COL3
COL4
ROW1
ROW2
ROW3
ROW4
S13 S14 S15 S16
S9 S10 S11 S12
S5 S6 S7 S8
S1 S2 S3 S4
CHERRY_MX
D13 D14 D15 D16
D9 D10 D11 D12
D5 D6 D7 D8
D1 D2 D3 D4
SW1
ROTA
ROTB
ROTSW
GND
+3V3
R2 4.7K
R3 4.7K
U1
XIAO-RP2040
GND RST SWCLK SWDIO
P26_A0_D0
P27_A1_D1
P28_A2_D2
P29_A3_D3
P6_D4_SDA
P7_D5_SCL
P0_D6_TX
5V
GND
3V3
P3_D10_MOSI
P4_D9_MISO
P2_D8_SCK
P1_CSN_D7_RX
GND VIN
SDA
SCL
+5V
128x64
OLED
SDA SCL VCC GND
DIY-MODULES_DISPLAY-OLED-128X64-I2C
DISPLAY1
IC2
VDD
INT
SDA
SCL
A0
A1
A2
P0 P1 P2 P3 P4 P5 P6 P7
VSS
PCF8574T
ROW1
ROW2
ROW3
ROW4
COL1
COL2
COL3
COL4
74HCT1G125DBV
NEOPIXEL
NEOPIXEL_5V
IC1
R1 10K
WS2812B
DI DO
VDD GND
C1 C2 C3 C4
0.1uF
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