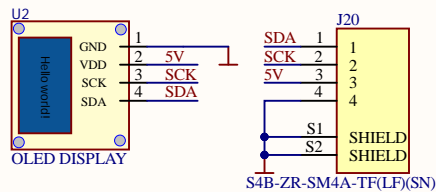
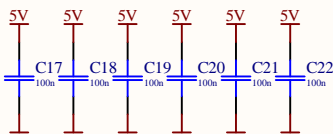
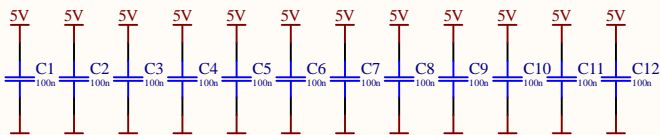
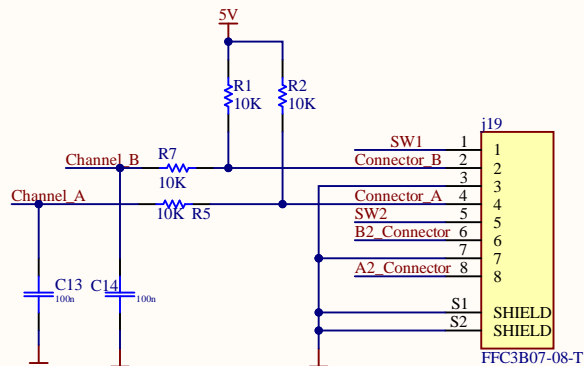
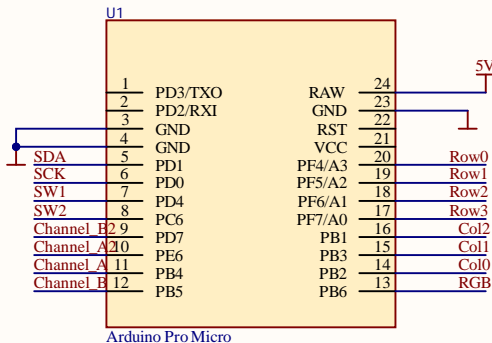


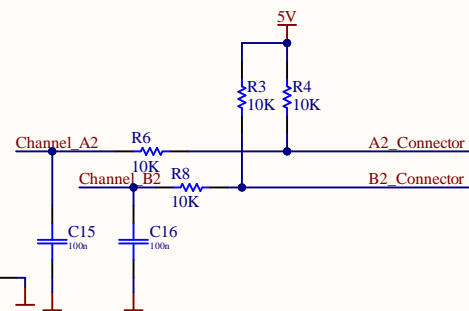
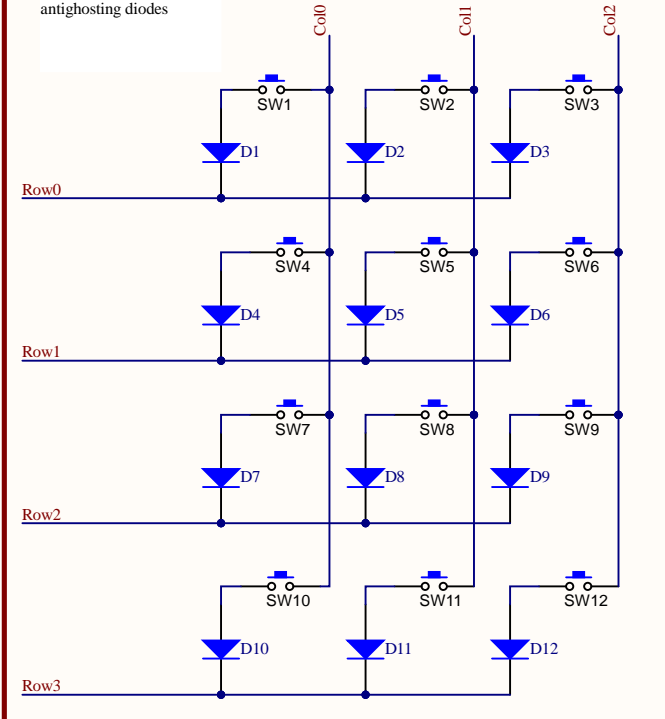
128x64 OLED display



RP2040 Controller Board with PRO MICRO FORMAT



Switch Matrix with antighosting diodes



Title		
Size	Number	Revision
A4		
Date:	11/20/2024	Sheet of
File:	C:\Altium Projects\...\Macro_Keyboard	SCH-BSchDoc

Comment	Description	Designator	Footprint	LibRef	Quantity
100n	SMD-0805 50V Y5V +80/-20%, SMD-0805 50V X7R 10%	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22	C0805(2013)	C-0805 50V 100n, C- 0805 50V X7R	22
Diode	Default Diode	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12	D6-0805_N	Diode	12
FFC3B07-08-T	8 Position FFC, FPC Connector Contacts, Bottom 0.039 _1.00mm_ Surface Mount, Right Angle S4B-ZR-SM4A- TF(LF)(SN)	j19	GCT_FFC3B07-08-T	FFC3B07-08-T	1
SK6812MINI	INTEGRATED LIGHT SOURCE INTELLIGENT CONTROL OF CHIP- ON-TOP SMD TYPE LED	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12	SK6812MINIE	SK6812MINI	12
SK6812_SIDE_MOUNT	INTEGRATED LIGHT SOURCE INTELLIGENT CONTROL OF CHIP- ON-TOP SMD TYPE LED	J13, J14, J15, J16, J17, J18	SK6812_SIDE_MOUNT	SK6812_SIDE_MOUNT	6
S4B-ZR-SM4A- TF(LF)(SN)	Connector Header Surface Mount, Right Angle 4 position 0.059 (1.50mm)	J20	JST_S4B-ZR-SM4A- TF(LF)(SN)	S4B-ZR-SM4A- TF(LF)(SN)	1
Res1	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12	R0805	Res1	12
SW_PB_SPST_HDR		SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12	Kailh Choc	SWPBT_SPST_HDR	12
Arduino Pro Micro		U1	Pro Micro Sparkfun V2 USB C	Arduino Pro Micro	1
OLED DISPLAY		U2	oled Arduino - SMD	OLED DISPLAY	1
SN74AHCT1G125DBV		U3	SN74AHCT1G125	SN74AHCT1G125DCK R	1