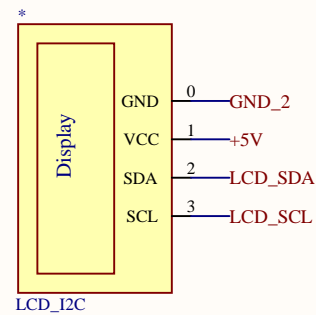
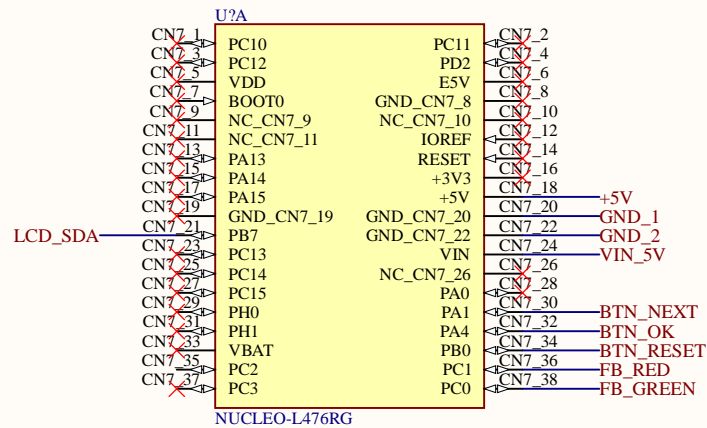
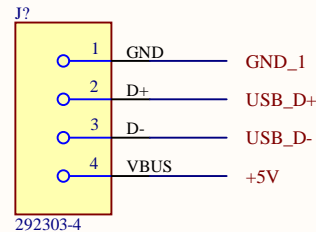


STM NUCLEO-L476RG - main MCU

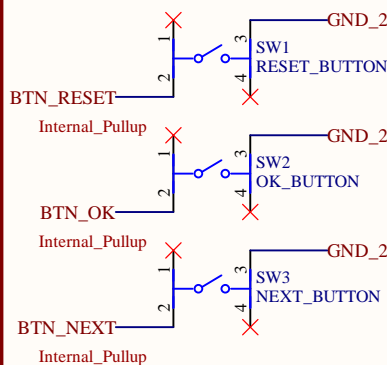
LCD I2C Grove 16x2



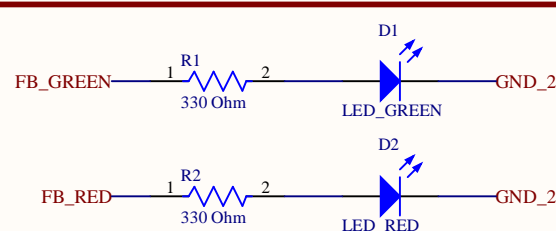
USB Type A connector



Button section



LED Feedback section



Title		
Size	Number	Revision
A4		
Date:	12.27.2025	Sheet of
File:	D:\Altium_Documents\...\Sheet1.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
LCD_I2C	Grove-16x2 LCD			LCD_I2C	1
LED_GREEN	Light-Emitting Diode	D1		LED	1
LED_RED	Light-Emitting Diode	D2		LED	1
292303-4	CONN RCPT USB2.0 TYPE A 4 POS R/A	J?	FP-292303-4-MFG	USB_Connector_A	1
330 Ohm	RES 1.2M OHM 5% 1/2W AXIAL	R1, R2	FP-VR37-MFG	Resistor	2
RESET_BUTTON	SWITCH TACTILE SPST- NO 0.05A 24V	SW1	FP-B3W-1022-MFG	Button	1
OK_BUTTON	SWITCH TACTILE SPST- NO 0.05A 24V	SW2	FP-B3W-1022-MFG	Button	1
NEXT_BUTTON	SWITCH TACTILE SPST- NO 0.05A 24V	SW3	FP-B3W-1022-MFG	Button	1
NUCLEO-L476RG		U?	MODULE_NUCLEO- L476RG	NUCLEO-L476RG	2