



Title		
Size	Number	Revision
A3		
Date:	2021/10/24	Sheet of
File:	F:\0_NewProject\...\sch.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	Capacitor	C1, C3, C4, C5, C6, C8, C9, C10, C11, C12, C13, C14, C16, C17, C18, C20	CAP-0603	CAP	16
10uF	Polar Capacitor	C2	CAP-A	CAP(POL)	1
0.33uF	Capacitor	C7	CAP-0603	CAP	1
22P	Capacitor	C15, C19	CAP-0603	CAP	2
1uF	Capacitor	C21	CAP-0603	CAP	1
CN-6		CN1	CN-6	CN-6	1
CN-3		CN2, CN3	IDC-3×1	CN-3	2
CN-4		CN4	IDC-4×1	CN-4	1
DC 5.0N		CZ1	DC-005(N)	DC 5.0N	1
USB-TypeC		J1	USB-TYPEC	USB-TypeC	1
LCD1602_I2C	LCD1602	LCD1	LCD-IIC	LCD1602_I2C	1
S8050	NPN	Q1	SOT-23(3)	S8050	1
2N7002		Q2	SOT-23(3)	FET(N)_SOT	1
10K	Resistor	R1, R2, R3, R4, R7, R9, R10, R11, R12, R14, R15, R20	RES-0603	RES	12
120R	Resistor	R5	RES-0603	RES	1
0R	Resistor	R6, R22	RES-0603	RES	2
200K	Resistor	R8	RES-0603	RES	1
4.7K	Resistor	R13	RES-0603	RES	1
2K	Resistor	R16	RES-0603	RES	1
3K	Resistor	R17	RES-0603	RES	1
1K	Resistor	R18, R19	RES-0603	RES	2
2.7K	Resistor	R21	RES-0603	RES	1
1.3K	Resistor	R23	RES-0603	RES	1
3.3K	Resistor	R24	RES-0603	RES	1
KEY		S1, S2, S3, S4	KEY-4X4X1.5	KEY	4
SN74LVC2G125		U-SN	SOP-8(SN74)	SN74LVC2G125	1
STM32F103C		U1	LQFP-48	STM32F103C(LQFP)	1
L7805		U2	TO-252	78XX	1
spx6205		U3	SOT-23(5)	SP6205(FIXED)	1
CP2102		U4	QFN-28	MPU6050_1	1
AT24C128		U5	SOP-8(3.9)	AT24C128	1
8MHZ	Crystal	Y1	XTAL-2512	XTAL(1)	1