

Comment	Description	Designator	Footprint	LibRef	Quantity
10uF		C1, C2, C3, C4	0805C	Capa	4
103		C5, C8, C9, C13, C17,	0805	CAP	7
0.047		C6	0603	CAP	1
103		C7	0603	CAP	0
101P 50V		C10, C11, C12	0805	CAP	0
0.22uF		C14	0603	CAP	1
10uF		C15, C19	0603	CAP	2
100nF		C16, C20	0603	CAP	2
10uF/25V		C18	CF	ELEC	0
0.47U		C21	0603	CAP	1
10pF		C22, C23	0603	CAP	2
0.1uF/16V	Capacitor (Semicond	C24	LC-0603_C	Cap Semi	1
4.7uF/16V	Capacitor (Semicond	C25	LC-0603_C	Cap Semi	1
0.01uF/16V	Capacitor (Semicond	C26	0603	Cap Semi	1
22pF/50V	Capacitor (Semicond	C27, C28	0603	Cap Semi	2
102		C29, C30	0805	CAP	2
472		C33	0805	CAP	1
B5B-XH-A(LF)(SN)		CN1, CNCH1	CON-5 A	CON 5PIN A	2
CON 8PIN A		CON1		CON 8PIN A	1
SBH11-PBPC-D10-ST		CON2, CON3	j_idc_100_2x10	CON 20PIN B	2
1000p/50V/J		Cs1, Cs2, Cs3, Cs4, Cs	0603	CAP	6
47pF/25V		Cu1, Cu2	0603	CAP	2
470p/50V/J		Cv1	0603	CAP	1
1N914		D1	LED1	1SS404	0
1N4148		D2, D3	LED1	1SS404	2
Rustick_LED		DS1	LED	LED	1
MPZ2012S101A	Inductor	FL1	INDC1608L	Inductor	1
500mA		FU1	1206	FUSE	1
AT24C16		IC1	DIP8	AT24C08	1
R7FA4T1BB3CFM		IC2	R7FA4T1BB3CFM	R7FA4T1BB3CFM	1
UX60SC-MB-5ST		IC3	UX60SC-MB-5ST	UX60SC-MB-5ST	1
ODU_COM		Jc1	HX4	CON 4PIN A	1
WL-8-3P		Jc2, Jc3, Jc4, Jp1	JMP3	SWITCH	4
按键		K1, K2, K3, K4	TSW DIP-6*6*5	按键	4
SML-LX0805SUGC-TF		LED1, LED2, LED3	LED 0805	LED	3
MMBT9012		Q1	Q	MMBT9012	1
MMBT9013	NPN General Purpose	Q2	Q	2N3904	1
10K		R1, R2, R3, R4	0805R	Res	4
10K		R5, R13, R21, R24, R4	0805	RES	5
4.7K 5%		R6, R7, R54, R56, R57	0805	RES	5
0		R15, R17,R19, R26, R	0603	RES	12
0		R8, R12, R14, R16, R1	0603	RES	22
10K		R9, R23, R47	0603	RES	3
22		R10	0603	RES	1
47K		R11	0603	RES	1
4.7K		R44	0603	RES	1
0/1A		R49, R50, Ru3	0603	RES	3

510		R55, R59	0805	RES	2
330		R58, R60, R61	0805	RES	3
1k		R62	0805	RES	1
2.7k/0.1W		RL1, RL2, RL3	0603	RES	3
2k/0.1W		Rs1, Rs2, Rs3, Rs5, Rs	0603	RES	6
1k/0.1W		Rs4, Rs8, Rs9, Rs10, R	0603	RES	6
27,1/10W,1%		Ru1, Ru2	1206	RES	2
10k/0.1W		Rv1, Rv2, Rv4	0603	RES	3
680/0.1W		Rv3	0603	RES	0
EVQ_5PN04K		SW1	EVQ-5PN04K	swtich	1
SDA		T1	TS	TP	1
SCL		T2	TS	TP	1
VCC		T3	TS	TP	1
NGND		T4	TS	TP	1
TXDB		T5	TS	TP	1
RXDB		T6	TS	TP	1
UM]0.04inch		TP1, TP2, TP3	TP A	TP	0
[UM]0.04inch		TR1	TP A	TP	0
4Pin		U1		4Pin	1
CH340G		U2		SOIC16	1
PS2561-D	4-Pin Phototransistor	U3, U4	DIP4	Optoisolator1	2
EVM3GSX50B14		VR1	EVM3GSX50B14	VARIABLE RES	1
10M		X1	3225	OSC 4PIN_1	1
12MHz	Crystal Oscillator	XTAL1	Y	XTAL	1