

S/N	Part Description	MAKER	PART NUMBER	QTY	MAKER	P/N	REMARK
1	IC PIC MCU FLASH 128K 100-TQFP	MICROCHIP	PIC32MX440F128L-80I/PT	1	MICROCHIP	PIC32MX440F128L-80I/PT	
2	IC MCU AVR 32K FLASH 44-TQFP	ATMEL	ATMEGA324P-20AU	1	AMTEL	ATMEGA324P-20AU	NCNR,EXW.SG
3	CAP .1UF 25V CERAMIC X7R 0603	PANASONIC	ECJ-1VB1E104K	11	WALSIN	0603B104K500CT	
4	CAP CER 20PF 50V X7R 10% 0603	TDK	C1608COG1H200J	2	WALSIN	0603N200J500LT	
5	CAP TANT 4.7UF 6.3V 20% SMD	ROHM	TCP0J475M8R	2	NEC	P(2012) 10V/4.7UF/M	
6	RES ARRAY 10KOHM 16TERM 8RES SMD	CTS RESISTOR	741X163103JP	2	WALSIN	WA06W103JTL	
7	DIODE SCHOTTKY 1A 20V MINI-SMA	COMCHIP	CDBM120-G	2	RECTRON	SS20	
8	IC TVS ARRAY 4-LINE 3.3V SC89-6	SEMTECH	UCLAMP3304A.TCT	1	SEMTECH	UCLAMP3304A.TCT	EXW.SG
9	RES 10K OHM 1/10W 5% 0603 SMD	PANASONIC	ERJ-3GEYJ102V	8	WALSIN	WR06X103JTL	
10	RES 330 OHM 1/5W 5% 0603 SMD	ROHM	ESR03EZPJ331	2	WALSIN	WR06X331JTL	
11	CONN HEADER FEMALE 12POS .1"	SULLINS	PPPC121LFBN-RC	2	LYCONN	218212S111	
12	CONN HEADER FEMALE 24POS .1" DL TIN	SULLINS	PPTC122LFBN-RC	2	LYCONN	218224S111	
13	SWITCH SLIDE DPDT 6VDC 0.3A SMT	C&K COMPONENT	JS202011SCQN	2	C&K COMPO	JS202011SCQN	
14	LED GREEN/RED BICOLOR 0606 SMD	LITE-ON	LTST-C195KGJRKT	2	LITE-ON	LTST-C195KGJRKT	
15	LED CHIP RGB 1.6X1.5X0.35MM SMD	AVAGO	HSMF-C114	1	AVAGO	HSMF-C114	
16	RES ARRAY 330 OHM 8TERM 4RES SMD	ROHM	MNR14E0ABJ331	1	WALSIN	WA06X331JTL	
17	CONN HEADER 7POS .100 R/A	MOLEX	70553-0006	1	MOLEX	70553-0006	
18	RES ARRAY 10K OHM 8TERM 4RES SMD	ROHM	MNR14E0ABJ103	2	WALSIN	WA06X103JTL	
19	IC REG ULDO 300MA 3.3V SOT23-5	STM	LDS3985M33R	1	STM	LDS3985M33R	EXW.SG
20	CONN HDR RT ANG 2POS .100 TIN	MOLEX	70553-0036	1	MOLEX	70553-0036	
21	CONN RECEPT MINI USB2.0 5POS	HIROSE	UX60A-MB-5ST	1	YESIN	CUB01S021R	
22	CRYSTAL 8.0000 MHZ 18PF SMD	CITIZEN	CMR309T-8.000MABJ-UT	1	HLX	TMXLF-309F8.000MHZ	
23	CRYSTAL 18.4320 MHZ 18PF SMD	CITIZEN	CMR309T-18.432MABJ-UT	1	HLX	TMXLF-309F18.432MHZ	
24	MOSFET P-CH 20V 13.5A 8-SOIC	FAIRCHILD	FDS4465	2	FAIRCHILD	FDS4465	
25	SWITCH TACT SPST W/O GND SMD	OMRON	B3U-1000P	1	OMRON	B3U-1000P	
26	DIODE SCHOTTKY 15A 45V DO-214A	MICRO COMMERCIAL	SK1545-TP	2	MCC		
27	PCB 143 x 156.6x6P			1			