



Item #	Designator	Qty	Manufacturer	Mfg Part #
1	U1	1	Microchip	PIC18F14K50-I/SS
2	LED1, LED2	2	TOGIALED	TJ-S2012SW8TGLC2G-A5
3	R2, R3	2	RALEC	RTT052200FTP
4	R1, R4, R5, R6	4	YAGEO	RT0805CRD0710KL
5	C1, C2, C3, C7, C8	5	YAGEO	AC0805KRX7R9BB104
6	C5, C6	2	YAGEO	CC0805JRNPO9BN220
7	C4	1	YAGEO	CC0805ZRY5V8BB474
8	D1, D2, D3	3	Vishay Intertech	BAS170WS-E3-08
9	J2	1	MOLEX	216990-0003
10	J1	1	DIBO	DB125-3.5-4P-GN-S
11	IC1	1	Microchip	TC1108-3.3VDBTR
12	Y1	1	ECS	ECS-120-8-36-CKM-TR3
13	FB1, FB2, LFB1, LFB2	4	WE	742792030
14	IC2, IC3	2	MAXIM	MAX31855KASA+ or MAX31855KASA+T

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Description / Value	Package/Footprint	Mounting Type
MicroProcessor	20-SSOP	SMD
Green LED	0805	SMD
220 Ohm Resistor / 125mW	0805	SMD
10K Ohm Resistor / 125mW	0805	SMD
100nF Capacitor 50V	0805	SMD
22pF Capacitor 50V	0805	SMD
470nF Capacitor 25V	0805	SMD
70V Schottky diode	SOD-323-2	SMD
Molex SMT CH0.58 16Ckt Type C		SMD
Scre Terminal 3.5mm 4position		TH
	SOT-223-3	SMD
8pF 12MHz / 2x2.5mm		SMD
Ferrite Bead 0805	0805	SMD
MAXIM 31855 Type K	8 SO	SMD