

No	Qty	Ref	Manufacturer	ManufacturerPartNo	Description	RoHS
Parts to solder on PCB						
1	1	J1009	Jing Extension of the Electronic Co.	C10418	Micro B Female USB Connectors	Yes
2	2	C1003, C1001	KEMET	T491A226K006AT	22uF ±10% 6.3V Tantalum Capacitor	Yes
3	2	D1001, D1002	Changjiang Electronics Tech (CJ)	1N4148WS	Switching Diode (general purpose)	Yes
4	2	D1008, D1007	ON Semiconductor	MBR120VLSFT1G	Schottky Barrier Diode	Yes
5	2	R1004, R1005	Uniroyal Elec	0603WAF1503T5E	150kΩ ±1% 0.1W Chip Resistor	Yes
6	7	R1002, R1003, R1009, R1008, R1006, R1007, R1001	Uniroyal Elec	0603WAF4700T5E	470Ω ±1% 0.1W Chip Resistor	Yes
7	1	C1002	Vertical Technology	VT1C221MCRE77	220uF ±20% 16V Aluminum Electrolytic Capacitor	Yes
8	1	F1001	HONGJU	FH1-200CK-B	Through Hole Fuse Holder	Yes
9	1	F1002	Walter Elec	TG-11315A250T002BG	Axial Thermal Cutoff	Yes
10	1	U1001	Advanced Monolithic Systems	AMS1117-3.3	Low Dropout Regulator 3.3V	Yes
11	1	U1002	Advanced Monolithic Systems	AMS1117-5.0	Low Dropout Regulator 5V	Yes
12	1	RV1001	FTR Electrical Mechanical Contractors Inc	FTR10D391K	Varistor 390V 2.5kA	Yes
13	5	D1004, D1005, D1009, D1006, D1003	Everlight Elec	19-213/Y2C-CQ2R2L/3T(CY)	Yellow Light Emitting Diode	Yes
14	2	Q1001, Q1002	Changjiang Electronics Tech (CJ)	2N7002	N-Channel MOSFET	Yes
15	3	J1004, J1005, J1006	JST Sales America	B8B-XH-A(LF)(SN)	XH 8-Pin Header Male	Yes
16	1	PS1001	HI-LINK	HLK-PM12	Through Hole Power Module AC-DC	Yes
17	2	K1001, K1002	Ningbo Songle Relay	SRD-05VDC-SL-C	Relays SPDT	Yes
18	4	J1001, J1002, J1007, J1008	Ningbo Kangnex Elec	WJ301V-5.0-2P	Screw terminal 2 Pin (5mm Pitch)	Yes
19	1	J1003	Ningbo Kangnex Elec	WJ301V-5.0-3P	Screw terminal 3 Pin (5mm Pitch)	Yes
Additional Parts						
20	3		JST Sales America	XHP-8	XH 8-Pin Rectangular Connector Housing	Yes
21	30		JST Sales America	SXH-001T-P0.6	Crimping terminal 22-28 AWG	Yes
22	2		Littelfuse	0239.500MXP	Glass Tube Fuse Slow Blow 500mA 250V, 5x20mm	Yes