



Qty	Part Reference	Description	Manufacturer Name	Manufacturer Part Number	Comments
2	C21 C22	CAP CER 1.0UF 6.3V 20% X5R 0402	MURATA ERIE	GRM155R60J105ME19D	
1	C16	CAP CERAMIC 22PF 50V NP0 0603	KEMET	C0603C220J5GACTU	
3	C5 C7 C9	Capacitor Ceramic 2200PF 50V 20% X7R 0603	Murata Erie	GRM188R71H222MA01D	
5	C3 C4 C6 C14 C15	Capacitor, 0.1uF, 16V, 10%, X7R, 0603	Panasonic	ECJ-1VB1C104K	
5	C11 C12 C13 C19 C20	Capacitor, 1.0uF, 16VDC, 10%, X5R, 0603	Panasonic	ECJ-1VB1C105K	
2	C23 C24	Capacitor, Low ESR, 33uF, 10VDC, 10%, Ta	Kemet	T494B336K010AS	
1	P4	Conn Header 8 Pos 2MM RT Ang Gold	Molex	87833-0820	
1	P3	Conn Term Block 2Pos 5MM PCB	PHOENIX CONTACT	1729018	
1	P2	Connector USB Type Mini-B	Molex	54819-0588	
2	D4 D5	Diode Schottky 40V 1A SMB	Internatnl Rectifier	MBRS140TR	
1	U11	EMC2103-1 socket/solder	SMSC	EMC2103	
1	U10	EMC2103-2 socket/solder	SMSC	EMC2103-2	
1	FAN1	Fan Assy Sunon 5V 40mm 160mA w/3 Pin Molex	Sunon	KDE0504PFB1 MS.M	
1	FB1	Ferrite Bead, 120 Ohm, 0.5A, 0.1DCR, 0603	Panasonic	EXC-3BP121H	
2	JP9 JP11	Header, 1 x 2, 0.1 Inch, Vertical	Samtec	TSW-102-07-L-S	
1	P5	Header, 1 x 3, 0.1 Inch, Latching, Vert	AMP	640456-3	
3	JP10 JP12 JP15	Header, 1 x 3, 0.1 Inch, Vertical	AMP	4-103747-0	
1	P6	Header, 1 x 4, 0.1 Inch, Latching, Vert	AMP	640456-4	
3	JP5 JP6 JP8	Header, 2 x 2, 0.1 Inch, Vertical	Samtec	TSW-102-07-L-D	
1	JP13	Header, 2 x 4, 0.1 Inch, Vertical	Samtec	TSW-104-07-L-D	
1	J1	Header, 2 x 6, 0.1 Inch, Vertical	Samtec	TSW-106-07-L-D	
1	J1	Header, 2 x 6, 0.1 Inch, Vertical	Amp	146256-6	
1	J1	Header, 2 x 6, 0.1 Inch, Vertical	Molex	10-89-1121	
3	U9	IC Serial EEPROM 2K 1.8V 8DIP AT24C02	ATMEL	AT24C02-10PI-1.8	
1	U6	IC USB MCU 8051 w/I2C and SPI C8051F320	Silicon Labs	C8051F320-GQ	
3	U3 U8 U12	Inverter Single LVC SOT23-5 SN74LVC1G04	Texas Instruments	SN74LVC1G04DBVR	
3	D3	LED Red Clear 0603 Smt	LITEON	LTST-C190CKT	
4	LED1 LED8 LED9	LED Red/Green SMT	Lumex	SSL-LXA3025IGC-TR	
1	LED4 LED5 LED6	LED SMT Green	Stanley Electric	BG1111C-TR	
1	F4	Polyswitch 0.50A Hold 1.0A Trip SMD	RAYCHEM	SMD050-2	
7	R65	POT 10K 1/4" SQ Cermet SL MT	BOURNS	3266W-1-103	
	R10 R11 R30 R31 R54				
4	R55 R60	Resistor 10.0Kohm 0.1% 25ppm TC 0603	Susumo	RR0816P-103-B-T5	
3	R12 R14 R66 R67	Resistor 100 ohm 1% 1/10W 0603	Yageo America	RC0603JR-07100RL	