

BOM Item	Mfg	Mfg Part#	Description	Ref Des	Pkg Size	Qty
1	Kemet	C0603C104K8RACTU	CAP CER 0.1UF 10V 10% X7R 0603	C13,C11,C10,C9,C6,C5,C1,C2	0603	8
2	Samsung Electro-Mechanics America, Inc	CL10B475KQ8NQNC	CAP CER 4.7UF 6.3V 10% X7R 0603	C3,C4,C7,C8,C12	0603	5
3	OSRAM Opto Semiconductors Inc	LG L29K-G2J1-24-Z	LED SMARTLED GREEN 570NM 0603	D1	0603	1
4	OSRAM Opto Semiconductors Inc	LS L29K-G1J2-1-Z	LED SMARTLED 630NM RED 0603 SMD	D2	0603	1
5	OSRAM Opto Semiconductors Inc	LB Q39G-L2N2-35-1	LED CHIPLED BLUE 470NM 0603 SMD	D3	0603	1
6	On Shore Technology Inc	USB-M26FTR	CONN USB MINI B R/A SMD	J1		1
7	Sullins	PEC36SAAN	CONN HEADER 36PS .100 SINGLE PTH	P1,P3,P6		1
8	Stackpole Electronics Inc	RMCF0603JT270R	RES 270 OHM 1/10W 5% 0603	R1,R2	0603	2
9	Stackpole Electronics Inc	RMCF0603JT1M00	RES 1M OHM 1/10W 5% 0603 SMD	R13,R7	0603	2
10	Stackpole Electronics Inc	RMCF0603JT47K0	RES 47K OHM 1/10W 5% 0603 SMD	R16,R3,R4,R5,R11,R15	0603	6
11	Stackpole Electronics Inc	RMCF0603JT750R	RES 750 OHM 1/10W 5% 0603 SMD	R17	0603	1
12	Panasonic Electronic Components	ERJ-3GEY0R00V	RES 0.0 OHM 1/10W 0603 SMD	R6,R8,R14,R12	0603	4
13	Stackpole Electronics Inc	RMCF0603JT33R0	RES 33 OHM 1/10W 5% 0603 SMD	R9,R10	0603	2
14	TE Connectivity	FSMSM	SWITCH TACTILE SPST-NO 0.05A 12V	SW1,SW3,SW2		3
15	On Shore Technology Inc	OSTVN08A150	CONN TERM BLOCK 2.54MM 8POS PCB	TB1		1
16	FTDI	FT230XQ-R	USB TO SERIAL BRIDGE	U1	QFN16	1
17	Texas Instruments	MSP430AFE253IPW	IC MCU 16BIT 16KB FLASH 24TSSOP	U2	SSOP24	1
18	Murata Electronics North America	CSTCE8M00G55-R0	CER RESONATOR 8.00MHZ SMD	X2		1
19	3M	969102-0000-DA	SHUNT JUMPER .1" BLACK GOLD	N/A		3
20	FCI	67997-472HLF	CONN HEADER 72POS .100 DUAL TIN	P2,P4,P5		1