

BOM Item	Mfg	Mfg Part#	Description	Ref Des	Pkg Size	Qty	Notes
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	LED-0603	1	
4	OSRAM Opto Semiconductors Inc	LS L29K-G1J2-1-Z	LED SMARTLED 630NM RED 0603 SMD	D2	LED-0603	1	
5	OSRAM Opto Semiconductors Inc	LB Q39G-L2N2-35-1	LED CHIPLED BLUE 470NM 0603 SMD	D3	LED-0603	1	
6	On Shore Technology Inc	USB-M26FTR	CONN USB MINI B R/A SMD	J1	USB_MINI_AB_RA_SMT	1	
7	Sullins	PEC36SAAN	CONN HEADER 36PS .100 SINGLE PTH	P1	3 x 100-mil Pitch	1	DNP
8	Sullins	PEC36SAAN	CONN HEADER 36PS .100 SINGLE PTH	P3	4 x 100-mil Pitch	1	DNP
9	Sullins	PEC36SAAN	CONN HEADER 36PS .100 SINGLE PTH	P5,P4,P2	2 x 100-mil Pitch	3	DNP
10	Sullins	PEC36SAAN	CONN HEADER 36PS .100 SINGLE PTH	P6	8 x 100-mil Pitch	1	DNP
11	Stackpole Electronics Inc	RMCF0603JT1K80	RES 1.8K OHM 1/10W 5% 0603 SMD	R1,R2	SM0603	2	
12	Stackpole Electronics Inc	RMCF0603JT1M00	RES 1M OHM 1/10W 5% 0603 SMD	R13,R7	SM0603	2	
13	Stackpole Electronics Inc	RMCF0603JT47K0	RES 47K OHM 1/10W 5% 0603 SMD	R16,R3,R4,R5,R11,R15	SM0603	6	
14	Stackpole Electronics Inc	RMCF0603JT750R	RES 750 OHM 1/10W 5% 0603 SMD	R17	SM0603	1	
15	Panasonic Electronic Components	ERJ-3GEY0R00V	RES 0.0 OHM 1/10W 0603 SMD	R6,R8,R14,R12	SM0603	4	
16	Stackpole Electronics Inc	RMCF0603JT33R0	RES 33 OHM 1/10W 5% 0603 SMD	R9,R10	SM0603	2	
17	TE Connectivity	FSMSM	SWITCH TACTILE SPST-NO 0.05A 12V	SW1,SW3,SW2	FSMSM	3	
18	On Shore Technology Inc	OSTVN08A150	CONN TERM BLOCK 2.54MM 8POS PCB	TB1	8 x 100-mil Pitch	1	DNP
19	FTDI	FT230XQ-R	USB TO SERIAL BRIDGE	U1	QFN-16_4MM_0.65MM	1	
20	Texas Instruments	MSP430AFE253IPW	IC MCU 16BIT 16KB FLASH 24TSSOP	U2	SSOP24	1	
22	AVX Corporation	PBRC3.68HR50X000	RESONATOR CER 3.68MHZ SMD	X2	CER_RES_2.5MM_SMT	1	

DNP = Do Not Populate