

Item	Rev	Description	Qty	Reference Designator	MFG	MFG P/N	Notes
1		CAP 2.2uF ±10% 10V X5R NPb 0402	8	C1 C8 C13 C15 C16 C17 C27 C28	TDK	C1005X5R1A225K050BC	
2		CAP 1uF ±20% 6.3V X5R CER NPb 0402	3	C2 C4 C11	TDK	C1005X5R0J105M050BB	
3		CAP 0.1uF ±10% 6.3V X5R NPb 0201	2	C3 C40	MURATA	GRM033R60J104KE19D	
4		CAP 4.7uF ±20% 10V X5R NPb 0402	2	C5 C6	TDK	C1005X5R1A475M050BC	
5		CAP 10uF ±20% 6.3V X5R CER NPb 0402	1	C7	TDK	C1005X5R0J106M050BC	
6		CAP 1000pF ±5% 50V COG NPb 0402	1	C9	MURATA	GRM1555C1H102JA01	
7		CAP 4.7uF ±10% 6.3V X5R NPb 0402	1	C19	TDK	C1005X5R0J475K050BC	
8		CAP 0.1uF ±10% 10V X5R NPb 0402	1	C20	Kemet	C0402C104K8PAC	
9		CAP 4.7uF ±10% 10V X5R NPb 0402	1	C25	TDK	C1005X5R1A475K050BC	
10		LED GRN 12.5mcd 20mA NPb 0603	2	D1 D3	EVERLIGHT	EL-19-21VGC/TR8	
11		LED GN 2.2V RED 1.95V 20mA NPb 0603	1	D2	AVAGO TECHNOLOGIES	HSMF-C165	
12		SCREW M1.6X0.35X5MM L PH SSTEEL NPb	4	H1 H2 H3 H4	McMASTER-CARR	92000A003	SCREWS FOR J2
13		NUT M1.6X0.35 1.3MM SS HEX NPb	4	H5 H6 H7 H8	McMASTER-CARR	91828A006	NUTS FOR J2
14		CON EDGE CARD 20POS VERT SLOT NPb SM	1	J1	SAMTEC	MEC8-110-02-L-DV	
15		CON LIGHTNING HORIZ MALE NPb C11E	1	J2	CIRRUS LOGIC	C11E	REQUIRES # M1.6-X/XL SCREW & NUT
16		HDR 4x1 MALE VERT 1.27mm CTR NPb SM	1	J3	ERNI	284697	
17		CON USB RCPT RA SPOS MINI-B NPb TH	1	J5	MOLEX	54819-0519	
18		JACK AUD 3.5mm 4COND 1SW NPb SM	1	J8	CUI INC	SJ-43515TS-SMT	
19		HDR 4x3 ML .1" CTR 062 S GLD NPb	1	J9	SAMTEC	NP-TSW-104-07-G-T	NO POP
20		HDR 2x2 ML .1" 093BD ST GLD NPb TH	1	J11	SAMTEC	NP-TSW-102-08-G-D	NO POP
21		HDR 2x1 ML .1" 093BD ST GLD NPb TH	4	J12 J13 J15 J16	SAMTEC	NP-TSW-102-08-G-S	NO POP
22		HDR 5x2 ML .1" 093BD ST GLD NPb TH	1	J14	SAMTEC	NP-TSW-105-08-G-D	NO POP
23		HDR 16X1 FML ST 0.1" CTR GLD NPb	1	J17	SAMTEC	NP-SSW-116-01-G-S	NO POP
24		HDR 3x1 ML .1" 093BD ST GLD NPb TH	1	J19	SAMTEC	TSW-103-08-G-S	
25		IND 1uH 1.3A ±30% SHLD NPb 0805	1	L2	MURATA	LQM21PN1R0NGR	
26		SPCR STANDOFF NYL HEX 375/4-40TH	4	MH5 MH6 MH7 MH8	KEYSTONE	NP-1902B	NO POP
27		TRAN MOSFET nCH 0.3A 30V NPb DFN3	3	Q1 Q2 Q3	DIODES INC	DMN32D2LFB4-7	
28		RES 0 OHM 1/10W ±5% NPb 0603 FILM	23	R1 R4 R6 R30 R36 R37 R40 R50 R51 R57 R59 R61 R100 R101 R200 R201 R202 R203 R300 R301 R302 R303 R304	DALE	CRCW06030000Z0EA	
29		RES 4.7 OHM 1/20W ±5% NPb 0201 FILM	1	R2	PANASONIC	ERJ1GEJ4R7C	
30		RES 330 OHM 1/20W ±5% NPb 0201	3	R3 R31 R39	PANASONIC	ERJ1GEJ331C	
31		RES 10k OHM 1/16W ±1% NPb 0402	1	R5	DALE	CRCW040210K0FKEA	
32		NO POP RES NPb 0201	1	R8	NO POP	NP-RES-0201	DO NOT POPULATE
33		RES 47k OHM 1/16W ±5% NPb 0402 FILM	5	R9 R26 R35 R70 R72	DALE	CRCW040247K0JNED	
34		RES 4.7k OHM 1/20W ±5% NPb 0201	2	R17 R18	DALE	CRCW02014K70JNED	
35		NO POP RES NPb 0402	2	R21 R29	NO POP	NP-RES-0402	DO NOT POPULATE
36		RES 0 OHM 1/16W JUMPER NPb 0402	3	R22 R23 R32	DALE	CRCW04020000Z0ED	
37		RES 0 OHM 1/20W NPb 0201	1	R25	YAGEO	RC0201JR-070RL	
38		NO POP RES NPb 0603	2	R33 R34	NO POP	NP-RES-0603	DO NOT POPULATE
39		RES 174 OHM 1/16W ±1% NPb 0402	1	R38	DALE	CRCW0402174RFKED	
40		RES 4.7k OHM 1/16W ±5% NPb 0402	3	R58 R65 R66	DALE	CRCW04024K70JNED	
41		SWT LT WHT 1.3N 3.1mm NPb SM	6	S0 S1 S2 S3 S4 S10	PANASONIC	EVQQ2K03W	INSTALL AFTER WASH PROCESS
42		WIRE JUMPER 2P .1" BRASS NPb	3	TP2 TP3 TP4	COMPONENTS CORPORATION	NP-TP-101-10	NO POP
43		CON TEST PT .1" CTR TIN PLATE NPb BLK	4	TP6 TP7 TP9 TP10	KEYSTONE	NP-5001	NO POP
44		IC LIGHTNING AUDIO MODULE NPb LGA25	1	U3	CIRRUS LOGIC	639-5179-18	
45		IC REG BCK SYN 1.8V 0.6A NPb DSBGA6	1	U5	TEXAS INSTRUMENTS	TPS62621YFFR	
46		IC MCU 8K 8BIT FLASH NPb UFQFPN20	1	U6	ST MICROELECTRONICS	STM8L101F3U6ATR	
47	B1	IC CRS LPR ADEC-I ² S/TDM NPb QFN48	1	U8	CIRRUS LOGIC	CS42L42-CN2/B1	
48		FEET PROT ADH BACK .312"x.200" BLK	4	X1 X2 X3 X4	3M	SJ61A1	
49		WIRE 28/1 AWG, KYNAR MOD, 500FT	1	XJ2	SQUIRES	L 500 UL1422 28/1 BLU	CUT WIRE TO THE APPROPRIATE LENGTHS AS REQUIRED TO SOLDER TO J2
50		CON SHUNT 2P .1" CTR BLK NPb	1		MOLEX	15-29-1025	
51		PCB	1		CIRRUS LOGIC	240-01150-Z1	

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52		SCHEMATIC	1		CIRRUS LOGIC	600-01150-Z1	
53		assy	1		CIRRUS LOGIC	603-01150-Z1	
54		LBL PRODUCT ID AND REV	1		CIRRUS LOGIC	422-00013-01	