

ITEM	QTY	REF DESIGNATOR	DESCRIPTION	MANUFACTURE	MANUFACTURE P/N
1	2	C31,C32	CAP, 0603, CER, 33pF, 1%, 50V, NP0/C0G	SAMSUNG	CL10C330FB8NUNC
2	4	C1_1, C1_2, C2_1, C2_2	CAP, 0603, CER, 510pF, 5%, 50V, NP0/C0G	SAMSUNG	CL10C511JB8NUNC
3	8	C5_1, C5_2, C6_1, C6_2, C26, C27, C28, C37	CAP, 0603, CER, 1000pF, 1%, 50V, NP0/C0G	AVX	06035A102FAT2A
4	1	C36	CAP, 0603, CER, 4700pF, 10%, 50V, X7R	SAMSUNG	CL10B472KB8NUNC
5	1	C39	CAP, 0603, CER, 0.047UF, 10%, 16V, X7R	PANASONIC	ECJ-1VB1C473K
6	1	C17	CAP, 0603, CER, 0.1UF, 5%, 50V, X7R	AVX	06035C104JAT2A
7	8	C9_1, C9_2, C13_1, C13_2, C14_1, C14_2, C15, C16	CAP, 0603, CER, 1uF, 10%, 25V, X7R	SAMSUNG	CL10B105KA8NUNC
8	14	C10, C11, C12, C19, C21, C24, C25, C29, C30, C33, C34, C35, C38, C40	CAP, 0603, CER, 1uF, 10%, 16V, X7R	TDK	C1608X7R1C105K080AC
9	1	C22	CAP, 0603, CER, 4.7uF, 20%, 6.3V, X5R	TDK	C1608X5R0J475M080AB
10	1	C20	CAP, 0603, CER 10uF, 20%, 6.3V, X5R	SAMSUNG	CL10A106MQ8NUNC
11	4	C3_1, C3_2, C4_1, C4_2	RES, 0805, 0 OHM, 1/8W		
12	2	C41, L1	RES, 0603, 0 OHM, 1/8W, THIN FILM	VISHAY	MCT06030Z0000ZP500
13	5	R16, R17, R21, R22, R29	RES, 0603, 20 OHM, 1%, 1/8W, THIN FILM	STACKPOLE	RNCP0603FTD20R0
14	1	R10	RES, 0603, 75 OHM, 5%, 1/10W, THICK FILM	PANASONIC	ERJ-3GEYJ750V
15	8	R25_1, R25_2, R28_1, R28_2, R31, R32, R33, R34	RES, 0603, 100 OHM, 0.5%, 1/16W, THIN FILM	SUSUMU	RR0816P-101-D
16	4	R19, R44, R45, R48	RES, 0603, 649 OHM, 0.5%, 1/16W, THIN FILM	SUSUMU	RR0816P-6490-D-79A
17	8	R3_1, R3_2, R4_1, R4_2, R5_1, R5_2, R6_1, R6_2	RES, 0603, 1K OHM, 0.5%, 1/10W, THIN FILM	YAGEO	RT0603DRD071KL
18	4	R18, R37, R38, R40	RES, 0603, 2K OHM, 5%, 1/10W, THICK FILM	PANASONIC	ERJ-3GEYJ202V
19	4	R20, R43, R46, R47	RES, 0603, 2K OHM, 0.5%, 1/16W, THIN FILM	SUSUMU	RR0816P-202-D
20	4	R1_1, R1_2, R2_1, R2_2	RES, 0805, 2.7K OHM, 0.1%, 1/8W, THIN FILM	SUSUMU	RG2012P-272-B-T5
21	1	R39	RES, 0603, 4.7K OHM, 5%, 1/10W, THICK FILM	PANASONIC	ERJ-3GEYJ472V
22	2	R23_1, R23_2	RES, 0603, 6.34K OHM, 0.5%, 1/10W, THIN FILM	YAGEO	RT0603DRD076K34L
23	5	R11, R12, R13, R24_1, R24_2	RES, 0603, 10K OHM, 5%, 1/10W, THICK FILM	PANASONIC	ERJ-3GEYJ103V
24	4	R7_1, R7_2, R8_1, R8_2	RES, 0603, 47K OHM, 1%, 1/8W, THIN FILM	VISHAY	MCT06030C4702FP500
25	2	R9, R14	RES, 0603, 56K OHM, 1%, 1/10W, THICK FILM	PANASONIC	ERJ-3EKF5602V
26	2	R35	RES, 0603, 100K OHM, 5%, 1/10W, THICK FILM	PANASONIC	ERJ-3GEYJ104V
27	1	R36	RES, 0603, 360K OHM, 5%, 1/10W, THICK FILM	PANASONIC	ERJ-3GEYJ364V
28	1	R30	RES, 0603, 499K OHM, 1%, 1/10W, THICK FILM	SAMSUNG	RC1608F4993CS
29	2	D1, D2	DIODE, SCHOTTKY, RB520G, 30V, 100mA, VMD2	ROHM SEMI	RB520G-30T2R
30	2	J19, J26	HEADER, 2X1, 0.1" CENTERS		

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31	1	J18	HEADER, 3X1, 0.1" CENTERS	FCI	68000-103HLF
32	1	J11-J13	HEADER, 3X2, 0.1" CENTERS		
33	1	J6-J10, J14, J27	HEADER, 7X2, 0.1" CENTERS		
34	1	J4	CONN, RCA, SINGLE, R/A, ORANGE	CUI INC	RCJ-047
35	1	J32	CONN, RCA, SINGLE, R/A, WHITE	CUI INC	RCJ-043
36	1	J33	CONN, RCA, SINGLE, R/A, RED	CUI INC	RCJ-042
37	2	J28, J29	CONN, XLR, MALE, PCB, RA	NEUTRIK	NC3MAH
38	1	J24	CONN, USB B-TYPE, RA, TH, SINGLE	ON SHORE TECH	USB-B1HSB6
39	3	U4, U6, U9	REG, ADP151, FIXED 3.3V, 200mA, SOT23-5	ANALOG DEV	ADP151AUJZ-3.3-R7
40	1	U10	REG, LD1117, FIXED 5V, 950mA, SOT-223	ST MICRO	LD1117S50CTR
41	1	U1	IC, ES9016K-2M, QFN-28	ESS	ES9016K2M
42	4	IC1, IC2_1, IC2_2, IC3	IC, OPAMP, LM4562, 20V/Us, 55MHz, SO-8	TI	LM4562MAX/NOPB
43	1	U7	IC, uC, CY7C68013A, USB, QFN-56	CYPRESS SEMI	CY7C68013A-56LTXC
44	1	U8	IC, EEPROM, 24LC64, 64K, 400KHZ, I2C, SO-8	MICROCHIP	24LC64-I/SN
45	1	U11	IC, COMPARATOR, LMV7219M7	TI	LMV7219M7/NOPB
46	1	X1	CRYSTAL, 50MHZ, 18pF, FUND, 30ppm, 3.2x2.5mm	TXC CORP	7M-50.000MAAJ-T
47	1	X3	OSC, XO, 24MHZ, HCMOS, 3.3V, 7x5.08mm, SMD	ABRACON	ASV-24.000MHZ-EJ-T
48	2	J15, J17	CONN, BINDING POST, 6-32, RED	KEYSTONE	7006
49	1	J16	CONN, BINDING POST, 6-32, BLACK	KEYSTONE	7007