

Item	Qty	Ref	Desc	Part Number
1	4	C1,C27,C29,C32	CAP, X7R 1000pF 50V 10% 0603	AVX 06035C102KAT
2	0	C2,C31,C34	CAP, X7R 470pF 50V 10% 0603 OPTIONAL	AVX 06035C471KAT
3	1	C3	CAP, TANT 1.0uF 35V 10% 3528	AVX TAJB105K035
4	1	C4	CAP, X7R 0.1uF 50V 20% 0805	AVX 08055C104MAT
5	2	C6,C5	CAP, X7R 0.22uF 35V 10% 0805	TAIYO YUDEN GMK212BJ224KG-T
6	0	C7	CAP, X7R 10uF 10V 20% 1210 OPTIONAL	TAIYO YUDEN LMK325BJ106MN-T
7	4	C8,C38,C39,C40	CAP, X7R 0.01uF 50V 10% 0603	AVX 06035C103KAT
8	5	C10,C11,C44,C59,C62	CAP, X7R 2.2uF 35V 20% 1210	TAIYO YUDEN GMK325BJ225MN
9	2	C19,C12	CAP, X5R 0.47uF 10V 20% 0603	TAIYO YUDEN LMK107BJ474MA
10	6	C13,C14,C15,C22,C23,C24	CAP, ELEC 150uF 6.3V 20% 7343H	PANASONIC EEFUEOJ151R
11	1	C16	CAP, TANT 15uF 10V ?% 3216	KEMET T494A156M010AS
12	1	C17	CAP, X5R 4.7uF 10V 20% 1206	TAIYO YUDEN LMK316BJ475ML
13	5	C18,C20,C26,C41,C42	CAP, X7R 0.1uF 16V 20% 0603	AVX 0603YC104MAT
14	1	C21	CAP, X7R 1uF 10V 10% 0805	AVX 0805ZC105KAT1A
15	2	C33,C25	CAP, X7R 470pF 50V 10% 0603	AVX 06035C471KAT
16	2	C28,C30	CAP, NPO 100pF 50V 5% 0603	AVX 06035A101JAT
17	2	C36,C35	CAP, X7R 10uF 10V 20% 1210	TAIYO YUDEN LMK325BJ106MN-T
18	0	C43	CAP, X7R 4.7uF 10V 20% 1206 OPTIONAL	TAIYO YUDEN LMK316BJ475ML-T
19	0	C45-C58	CAP, OPTIONAL	OPTIONAL
20	2	C60,C61	CAP, OSCON 56uF 25V	SANYO 25SVP56M
21	1	D3	DIODE, SCHOTTKY 200mW	DIODES INC. BAT54A
22	2	D5,D4	DIODE, SCHOTTKY 40V 3A	DIODES INC. B340B
23	0	D6,D7	DIODE, SCHOTTKY OPTIONAL	DIODES INC. B0520LW
24	16	E1-E15,E18	TURRETS	MILL-MAX-2501-2
25	5	JP1,JP4,JP5,JP6,JP7	HEADER, 3 PINS 2mm	COMM 2802S-03G2
26	0	JP8	HEADER, 3 PINS 2mm OPTIONAL	COMM 2802S-03G2
27	6	J1,J2,J3,J4,J5,J6	CONN, LUG	?
28	2	L1,L2	IND, 1.4uH CEP125	SUMIDA CEP125-1R4MC-U
29	0	L3	IND, 4.7uH OPTIONAL	MURATA LQH32CN4R7M01L
31	4	Q1,Q2,Q6,Q7	XSTR, N-CHANNEL MOSFET	SILICONIX Si7888DP
32	4	Q3,Q4,Q8,Q9	XSTR, N-CHANNEL MOSFET	SILICONIX Si7860DP
33	2	R1,R3	RES, 1M OHMS 5% 1/16W 0603	AAC CR16-105JM
34	4	R2,R4,R22,R25	RES, 75 OHMS 5% 1/16W 0603	AAC CR16-750JM
35	3	R8,R26,R32	RES, 10 OHMS 5% 1/16W 0603	AAC CR16-100JM
36	1	R9	RES, 10K OHMS 1% 1/16W 0603	AAC CR16-1002FM
37	1	R10	RES, 3.01K OHMS 5% 1/16W 0603	AAC CR16-3011FM

38	0	R11	RES, 10K OHMS 5% 1/16W 0603 OPTIONAL	AAC CR16-103JM
39	0	R12,R15,R28,R31	DO NOT STUFF	OPTION
40	2	R13,R14	RES, 2512 0.003 OHM 1% 1/2W	PANASONIC ERJM1WTF3M0U
41	2	R16,R17	RES, 10K OHMS 5% 1/16W 0603	AAC CR16-103JM
42	1	R18	RES, 15K OHMS 1% 1/16W 0603	AAC CR16-1502FM
43	1	R19	RES, 30.1K OHMS 1% 1/16W 0603	AAC CR16-3012FM
44	4	R20,R24,R33,R34	RES, 0 OHM JUMPER 0603	AAC CJ06-000M
45	1	R21	RES, 100K OHMS 5% 1/16W 0603	AAC CR16-104JM
46	2	R27,R23	RES, 4.75K OHMS 1% 1/16W 0603	AAC CR16-4751FM
47	1	R29	RES, 36.5K OHMS 1% 1/16W 0603	AAC CR16-3652FM
48	1	R30	RES, 24.9K OHMS 1% 1/16W 0603	AAC CR16-2492FM
49	0	R35	RES, 11.0K OHMS 1% 1/16W 0603 OPTIONAL	AAC CR16-1102FM
50	0	R36	RES, 37.4K OHMS 1% 1/16W 0603 OPTIONAL	AAC CR16-3742FM
51	1	U1	IC, DUAL STEP-DOWN SWITCHING REGULATOR	LINEAR TECH. LTC3728EG
52	0	U3	IC, LT1613CS5 1.4MHz DC/DC CONVERTER OPTIONAL	LINEAR TECH. LT1613CS5
53	6	J1,J2,J3,J4,J5,J6	WASHER, BRASS #10	ANY
54	6	J1,J2,J3,J4,J5,J6	STUD, TEST PIN	PEM KFH-032-10
55	12	J1,J2,J3,J4,J5,J6	NUT, BRASS #10-32	ANY
56	5	JP1,JP4-JP7	SHUNT, 2 PIN 2mm	COMM CCIJ2mm-138-G