

	A	B	C	D	E
1	Item	Qty	Ref -Des	Desc	Manufacturer' s Part Number
2	1	2	C1,C29	CAP, 56uF 20% 63V ALUM	SUN ELECTRONICS 63HVVH56M
3	2	6	C2,C3,C4,C5,C6,C7	CAP, 1812 2.2uF 10% 100V X7R	TDK C4532X7R2A225K
4	3	2	C8,C26	CAP, 0603 2.2pF 0.25pF 50V NPO	AVX 06035A2R2CAT2A
5	4	1	C9	CAP, 0805 1uF 10% 100V X7S	TDK C2012X7S2A105KT
6	5	0	R3,R5,C10,C13,R25,R26,	OPTION	OPTION
7			C28		
8	6	4	C11,C14,C23,C24	CAP, 1210 10uF 20% 50V X5R	TAIYO YUDEN UMK325BJ106MM-T
9	7	3	C12,C16,C21	CAP, 0603 0.1uF 10% 50V X7R	TDK C1608X7R1H104K
10	8	2	C15,C25	CAP, 150uF 20% 16V ELEC	PANASONIC 16SVPC150M
11	9	1	C17	CAP, 0603 4.7nF 10% 100V X7R	AVX 06031C472KAT2A
12	10	2	C18,C19	CAP, 0603 47pF 10% 25V NPO	AVX 06033A470KAT2A
13	11	1	C20	CAP, 0603 4.7uF 10% 10V X5R	TDK C1608X5R1A475K
14	12	1	C22	CAP, 0603 10pF 0.25pF 100V NPO	AVX 06031A100CAT2A
15	13	1	C27	CAP, 0603 1uF 10% 25V X5R	AVX 06033D105KAT2A
16	14	2	D1,D2	DIODE, SCHOTTKY	DIODES/ZETEX DFLS1100-7
17	15	11	E1,E2,E3,E4,E5,E6,E7,E8,	TURRET	MILL MAX 2501-2-00-80-00-00-07-0
18			E9,E10,E11		
19	16	1	JP1	HEADER, 3PINS ,2mm	SULLINS, NRPN031PAEN-RC
20	17	1	JP2	HEADER, 2X3 2mm	SAMTEC TMM-103-02-L-D
21	18	8	J1,J2,J3,J4,J5,J6,J7,J8	JACK, BANANA	KEYSTONE 575-4
22	19	2	L1,L2	IND, 10uH 20%	COILCRAFT SER2915L-103KL
23	20	0	L3,L4	IND, 10uH 20% OPTION	OPTION
24	21	4	MH1,MH2,MH3,MH4	STANDOFF, SNAP ON	KEYSTONE_8833
25	22	2	Q1,Q4	XSTR, POWER MOSFET, N-CHANNEL	RENESAS RJK0651DPB
26	23	2	Q2,Q5	XSTR, POWER MOSFET, N-CHANNEL	RENESAS RJK0653DPB
27	24	0	Q3,Q6,Q7,Q8	XSTR. OPTION	OPTION
28	25	1	R1	RES, 0603 2.2 OHMS 1% 1/10W	VISHAY CRW06032R20FKEA
29	26	6	R2,R10,R14,R15,R24,R27	RES, 0603 0 OHM JUMPER	VISHAY CRCW06030000Z0EA
30	27	2	R4,R22	RES, 0603 100 OHMS 1% 1/10W	VSAHY CRCW0603100RFKEA
31	28	1	R6	RES, 0805 1M OHMS 5% 1/8W	VISHAY CRCW08051M00JNEA
32	29	1	R7	RES, 0603 30.1K OHMS 1% 1/10W	VISHAY CRCW060330K1FKEA
33	30	2	R8,R19	RES, 2010 0.003 OHMS 1% 1/2W	VISHAY WSL20103L000FEA
34	31	1	R9	RES, 0603 57.6K OHMS 1% 1/10W	VISHAY CRCW060357K6FKEA
35	32	2	R12,R18	RES, 0805 0 OHM JUMPER	VISHAY CRCW08050000Z0EA
36	33	1	R13	RES, 0603 9.76K OHMS 1% 1/10W	VISAHY CRCW06039K76FKEA
37	34	1	R16	RES, 0603 499K OHMS 1% 1/10W	VISHAY CRCW0603499KFKEA
38	35	1	R20	RES, 0603 35.7K OHMS 1% 1/10W	VISHAY CRCW060335K7FKEA

	A	B	C	D	E
39	36	2	R21,R29	RES, 0603 100K OHMS 1% 1/10W	VISHAY CRCW0603100KFKEA
40	37	1	R28	RES, 0603 1K OHMS 1% 1/10W	VISHAY CRCW06031K00FKEA
41	38	1	U1	IC, HIGH VOLTAGE STEP-DOWN CONVERTER	LINEAR TECH. LTC3890EUH
42	39	2	XJP1,XJP2	SHUNT	SAMTEC 2SN-BK-G