

	A	B	C	D	E
1	Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
2	1	5	C1,C14,C15,C16,C17	CAP, 1210 2.2uF 10% 100V X7R	MURATA GRM32ER72A225KA35
3	2	1	C2	CAP, 56uF 20% 63V HYBRID ALUM ELEC	PANASONIC EEHZA1J560P
4	3	2	C3,C33	CAP, 0805 0.1uF 10% 100V X7R	MURATA GRM21BR72A104KAC4L
5	4	2	C4,C51	CAP, 0805 2.2uF 10% 25V X7R	MURATA GRM21BR71E225KA73L
6	5	1	C5	CAP, 0603 0.1uF 10% 50V X7R	MURATA GRM188R71H104KA93D
7	6	2	C6,C8	CAP, 0603 47pF 5% 100V NPO	MURATA GRM1885C2A470JA01D
8	7	1	C7	CAP, 0603 10pF 5% 50V C0G	MURATA GRM1885C1H100JA01D
9	8	1	C9	CAP, 0603 6.8nF 10% 50V X7R	MURATA GRM188R71H682KA01D
10	9	1	C11	CAP, 0603 0.1uF 10% 100V X7R	MURATA GRM188R72A104KA35D
11	10	2	C12,C13	CAP, 0603 220pF 5% 100V C0G	MURATA GRM1885C2A221JA01D
12	11	2	C18,C27	CAP, 0603 1uF 10% 16V X7R	MURATA GRM188R71C105KA12D
13	12	2	C20,C25	CAP, 150uF 20% 16V ALUM	PANASONIC 16SVPC150M
14	13	4	C21,C22,C23,C24	CAP, 1206 10uF 10% 16V X7R	MURATA GRM31CR71C106KAC7L
15	14	0	C28,C29,C32,C34,C35	CAP, 0603 OPTION	OPTION
16	15	2	C30,C31	CAP, 0603 0.22uF 10% 25V X5R	MURATA GRM188R61E224KA88D
17	16	0	C40	CAP, 56uF 20% 63V HYBRID ALUM ELEC OPTION	PANASONIC EEHZA1J560P OPTION
18	17	0	C41,C42,C43,C44	CAP, 0805 0.1uF 10% 100V X7R OPTION	MURATA GRM21BR72A104KAC4L OPTION
19	18	0	C45,C46,C48,C50	CAP, 1206 10uF 10% 16V X7R OPTION	MURATA GRM31CR71C106KAC7L OPTION
20	19	0	C47,C49	CAP, 150uF 20% 16V ALUM OPTION	PANASONIC 16SVPC150M OPTION
21	20	8	E1,E2,E4,E5,E7,E8,E9,E10	TURRET	MIIL-MAX 2501-2-00-80-00-00-07-0
22	21	5		LUG RING, #10	KEYSTONE 8205
23	22	10		NUT, BRASS 10-32	ANY #10-32
24	23	1	JP1	HEADER, 3PIN, DBL ROW 2mm	SULLINS, NRPNO32PAEN-RC
25	24	1	JP2	HEADER, 2mm, 3PIN	SULLINS, NRPNO31PAEN-RC
26	25	5		WASHER, #10 TIN PLATED BRASS	ANY #10 EXT BZ TN
27	26	4	J1,J2,J3,J4	STUD, TESTPIN	PEM KFH-032-10
28	27	2	L1,L2	IND, 6.8uH	COILCRAFT SER2918H-682KL
29	28	4	MH1,MH2,MH3,MH4	STANDOFF, SNAP ON	KEYSTONE 8834
30	29	2	Q1,Q3	XSTR, MOSFET N-CH 80V 49A TDSON-8	INFINEON BSC117N08NS5
31	30	0	Q2,Q4,Q5,Q8	XSTR, OPTION	OPTION
32	31	2	Q6,Q7	XSTR, MOSFET N-CH 80V 100A TDSON-8	INFINEON BSC026N08NS5
33	32	2	RS1,RS2	RES, 2010 0.002 OHM 1% 1W	VISHAY WSL20102L000FEA18
34	33	0	RS3,RS4	RES, 2010 OPTION	OPTION
35	34	1	R_PRG	RES, 0603 31.6k OHMS 1% 1/10W	VISHAY CRCW060331K6FKEA
36	35	1	R1	RES. 1206 2.2 OHMS 1% 1/4W	VISHAY CRCW12062R20FKEA
37	36	0	R2,R4,R5,R13,R21,R22,R23,	RES, 0603 OPTION	OPTION
38			R24,R25,R26,R29,R33,R46,R83		

	A	B	C	D	E
39	37	11	R3,R7,R10,R12,R16,R17,	RES, 0603 0 OHM JUMPER	VISHAY CRCW06030000Z0EA
40			R18,R27,R28,R34,R36		
41	38	3	R8,R31,R32	RES, 0603 100k OHMS 5% 1/10W	VISHAY CRCW0603100KJNEA
42	39	1	R9	RES, 0805 499k OHMS 1% 1/8W	VISHAY, CRCW0805499KFKEA
43	40	1	R11	RES, 0603 35.7k OHMS 1% 1/10W	VISHAY CRCW060335K7FKEA
44	41	1	R14	RES, 0603 9.76k OHMS 1% 1/10W	VISHAY CRCW06039K76FKEA
45	42	2	R19,R20	RES, 0603 100 OHMS 5% 1/10W	VISHAY, CRCW0603100RJNEA
46	43	1	R30	RES, 0603 90.9k OHMS 1% 1/10W	VISHAY CRCW060390K9FKEA
47	44	1	U1	IC, DUAL OUTPUT HIGH VOLTAGE STEP-DOWN CONVERTER	LINEAR TECH. LTC3892EUH-2#PBF
48	45	2	XJP1,XJP2	SHUNT, 2mm	SAMTEC 2SN-BK-G