

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
1	1	CIN1	CAP, 120uF 20% 16V OSCON	SANYO OSCON 16SVP120M
2	0	CIN2	CAP, 1210 22uF 20% 16V X5R OPTION	TDK C3225X5R1C226M OPTION
3	2	CIN3,CIN4	CAP, 1210 47uF 20% 16V X5R	TAIYO YUDEN EMK325BJ476MM-T
4	0	CO1	CAP, 7343 330uF 20% 4V POSCAP OPTION	SANYO POSCAP 4TPE330MI OPTION
5	4	CO2,CO3,CO4,CO6	CAP, 1210 100uF 20% 6.3V X5R	AVX 12106D107MAT2A
6	0	CO5	CAP, 1210 100uF 20% 6.3V X5R OPTION	AVX 12106D107MAT2A OPTION
7	0	C1	CAP, 0603 220pF 10% 50V NPO OPTION	AVX 06035A221KAT OPTION
8	1	C2	CAP, 0603 47pF 10% 50V NPO	AVX 06035A470KAT
9	1	C3	CAP, 0603 4.7uF 20% 10V X5R	TAIYO YUDEN LMK107BJ475MA-T
10	0	C4,C6	CAP, 0603 OPTION	OPTION
11	1	C5	CAP, 0603 10nF 10% 50V X7R	TDK C1608X7R1H103K
12	1	C7	CAP, 0603 0.1uF 20% 16V X7R	TAIYO YUDEN EMK107BJ104MA-T
13	0	C8	CAP, 0805 OPTION	OPTION
14	1	D1	DIODE, ZENER 350mW OPTION	DIODES INC. BZX84C5V6 OPTION
15	2	JP1,JP3	HEADER,3PIN, 2mm	SAMTEC TMM-103-02-L-S
16	1	JP2	HEADER, 2MM DOUBLE ROW, 2X4	SAMTEC TMM-104-02-L-D
17	1	JP4	HEADER, 2MM DOUBLE ROW, 2X7	SAMTEC TMM-107-02-L-D
18	2	J1,J2	STUD, PRESS-FIT	PEM KFH-032-10 / KEYSTONE 575-4
19	2	J3,J4	STUD, PRESS-FIT/JACK, BANANA	PEM KFH-032-10 / KEYSTONE 575-4
20	2	J5,J6	CONN,BNC,5 PINS	CONNEX 112404
21	1	Q1	XSTR, MOSFET	VISHAY SILICONIX SUD50N03-09P-E3
22	1	RS1	RES, 2512 0.015 OHM 1% 1W	PANASONIC ERJM1WSF15MU
23	0	R1,R13-R15,R18,R21,R23	RES, 0603 OPTION	OPTION
24	1	R2	RES, 0603 243K OHMS 1% 1/10W	VISHAY CRCW0603243KFKEA
25	1	R3	RES, 0603 121K OHMS 1% 1/10W	VISHAY CRCW0603121KFKEA
26	1	R4	RES, 0603 69.8K OHMS 1% 1/10W	VISHAY CRCW060369K8FKEA
27	1	R5	RES, 0603 48.7K OHMS 1% 1/10W	VISHAY CRCW060348K7FKEA
28	1	R6	RES, 0603 28.7k OHMS 1% 1/10W	VISHAY CRCW060328K7FKEA
29	1	R7	RES, 0603 19.1K OHMS 1% 1/10W	VISHAY CRCW060319K1FKEA
30	2	R9,R10	RES, 0603 10 OHMS 5% 1/10W	VISHAY CRCW060310R0JNEA
31	2	R11,R12	RES, 0603 10k OHMS 5% 1/10W	VISHAY CRCW060310K0JNEA
32	1	R17	RES, 0603 60.4K OHMS 1% 1/10W	VISHAY CRCW060360K4FKEA
33	1	R19	RES, 0603 100K OHMS 5% 1/10W	VISHAY CRCW0603100KJNEA
34	1	R22	RES, 0603 0 OHM JUMPER	VISHAY CRCW06030000Z0EA
35	5	TP1,TP2,TP3,TP4,TP8	TURRET	MILL MAX 2501-2-00-80-00-00-07-0
36	5	TP5,TP7,TP13,TP14,TP17	TURRET	MILL MAX 2308-2-00-80-00-00-07-0
37	1	U1	IC, HIGH EFFICIENCY STEP-DOWN MODULE	LINEAR TECH.LTM4611EV
38	4	XJP1,XJP2,XJP3,XJP4	SHUNT, 2mm	SAMTEC 2SN-BK-G
39	4	X3,X4,X5,X6	STANDOFF, SNAP ON	KEYSTONE_8834