

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
1	2	C7,C8	CAP, 7343 470uF 20% 10V TANT	AVX TPSE477M010R0050
2	1	C10	CAP, 1206 0.47uF 10% 50V X7R	TDK C3216X7R1H474K
3	1	C13	CAP, 22uF 50V ALUM	SUN ELECT. 50CE22BS
4	1	C14	CAP, 1206 4.7uF 10% 50V X7R	MURATA GRM32ER71H475KA88L
5	2	C15,C16	CAP, 1206 47uF 20% 10V X5R	TAIYO YUDEN LMK316BJ476ML
6	1	C21	CAP, 1206 0.1uF 10% 50V X7R	AVX 12065C104KAT2A
7	2	C22,C23	CAP, 1206 1uF 20% 50V X7R	TDK C3216X7R1H105M
8	1	C24	CAP, 1206 3.3nF 10% 50V X7R	AVX 12065C332KAT2A
9	2	C25,C27	CAP, 1206 470pF 5% 100V NP0	AVX 12061A471JAT2A
10	1	C26	CAP, 1206 4.7nF 5% 100V C0G	MURATA GRM3195C2A472JA01D
11	1	C28	CAP, 1206 10nF 10% 100V X7R	AVX 12061C103KAT2A
12	1	C29	CAP, 1206 330pF 5% 100V NP0	AVX 12061A331JAT2A
13	1	C30	CAP, 1206 47pF 10% 50V NP0	AVX 12065A470KAT
14	0	C31	CAP, 470uF 35V ALUM OPTION	SUN ELEC 35ME470AX OPTION
15	0	C32,C33,C34,C35,C36	CAP, 1206 OPTION	OPTION
16	1	D1	DIODE, SCHOTTKY BARRIER RECTIFIER	ON SEMI MBRA340T3G
17	1	D2	DIODE, SCHOTTKY SOD323	CENTRAL CMDSH-3
18	1	D3	DIODE, SCHOTTKY SOD323 OPTION	CENTRAL CMDSH-3 OPTION
19	5	E1,E2,E3,E5,E6	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0
20	5	JP1,JP2,JP3,JP4,JP5	HEADER, 3PIN 2mm	SAMTEC TMM-103-02-L-S
21	1	L1	IND, 6.8uH	SUMIDA CDRH8D43-6R8
22	0	Q1	XSTR, 2N7002 N-CHANNEL MOSFET OPTION	ZETEX 2N7002 OPTION
23	1	R6	RES, 1206 10k OHMS 1% 1/16W	NIC NRC12F1002TRF
24	1	R7	RES, 1206 68.1k OHMS 1% 1/4W	NIC NRC12F6812TRF
25	1	R9	RES, 1206 30.1k OHMS 1% 1/16W	NIC NRC12F3012TRF
26	5	R14,R16,R17,R18,R22	RES, 1206 100k OHMS 5% 1/4W	VISHAY CRCW1206100KJNEA
27	1	R15	RES, 1206 21.5k OHMS 1% 1/4W	VISHAY CRCW120621K5FKEA
28	1	R19	RES, 1206 1.87k OHMS 1% 1/4W	VISHAY CRCW12061K87FKEA
29	1	R20	RES, 1206 2.15k OHMS 1% 1/4W	VISHAY CRCW12062K15FKEA
30	1	R21	RES, 1206 5.36K OHMS 1% 1/4W	NIC NRC12F5361TRF
31	1	R23	RES, 1206 22.1k OHMS 1% 1/4W	NIC NRC12F2212TRF
32	1	R24	RES, 1206 17.4k OHMS 1% 1/16W	NIC NRC12F1742TRF
33	1	R25	RES, 1206 0.020 OHMS 1% 1/4W	VISHAY WSL1206R0200FEA
34	1	R26	RES, 1206 0 OHMS JUMPER	NIC NRC12ZO
35	4	R27,R28,R29,R30	RES, 4527 0.1 OHMS 5% 2W	VISHAY WSR21R000JEA
36	0	R32,R33,R35	RES, 1206 OPTION	OPTION
37	1	R34	RES, 1206 1k OHMS 5% 1/4W	VISHAY CRCW12061K00JNEA
38	1	U1	IC, STEP-DOWN SWITCHING REGULATOR	LINEAR TECH. LT3693EDD
39	1	U2	IC,	LINEAR TECH. LT4180EGN
40	1	U3	IC, DUAL SCHMITT-TRIGGER INVERTER OPTION	TEXAS INSTRUMENTS SN74LVC2G14DBVT OPT
41	5	JP1,JP2,JP3,JP4,JP5	SHUNT	SAMTEC 2SN-BK-G