

Item	Qty	Ref -Des	Desc	Manufacturer's Part Number
1	2	CIN1,CIN2	CAP, 180uF 20% 16V	SANYO 16SVP180MX
2	2	CIN3,CIN4	CAP, 1210 10uF 20% 25V X5R	TAIYO YUDEN TMK325BJ106MM-T
3	2	COUT1,COUT2	CAP, 7343 330uF 20% 2.5V POSCAP	SANYO 2R5TPE330M9
4	4	COUT3,COUT6,C15,C16	CAP, 1210 100uF 20% 6.3V X5R	TDK C3225X5R0J107M
5	0	COUT4,COUT5	CAP, 7343 330uF 20% 2.5V POSCAP OPTION	SANYO 2R5TPE330M9 OPTION
6	2	C19,C21	CAP, 0603 1uF 10% 25V X5R	TAIYO YUDEN TMK107BJ105MA-T
7	2	C22,C27	CAP, 0603 220nF 10% 25V X7R	TDK C1608X7R1E224K
8	0	C23,C29,C32,C33,C34	CAP, 0603 OPTION	OPTION
9	2	C24,C25	CAP, 0603 0.1uF 10% 10V X5R	AVX 0603ZD104KAT
10	1	C26	CAP, 0603 1.5nF 5% 50V C0G	MURATA GRM1885C1H152JA01D
11	1	C28	CAP, 0603 220pF 10% 25V NPO	AVX 06033A221KAT2A
12	1	C31	CAP, 0805 4.7uF 20% 10V X5R	TDK C2012X5R1A475M
13	1	D2	DOIDE, CMDSH-3	CENTRAL SEMI CMDSH-3
14	13	E1,E2,E4-E8,E10-E15	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0
15	1	JP1	HEADER, 4PIN	SAMTEC TMM-104-02--L-S
16	1	JP2	HEADER, 3 PIN	SAMTEC TMM-103-02--L-S
17	2	J1,J2	JACK, BANANA	KEYSTONE 575-4
18	2	J3,J4	STUD, TEST PIN	PEM KFH-032-10
19	4	J3,J4	NUT, BRASS PL # 10-32	ANY, #10-32M/S
20	2	J3,J4	RING, LUG RING #10	KEYSTONE, 8205
21	2	J3,J4	WASHER, TIN, PLATED BRASS	ANY
22	2	J5,J6	CONN,BNC,5 PINS	CONNEX 112404
23	1	L1	IND, 0.33uH	WURTH ELEKTRONIK M744301033
24	4	MH1,MH2,MH3,MH4	STANDOFF, SNAP ON	KEYSTONE_8833
25	1	Q1	XSTR, POWER MOSFET	INFINEON BSC050NE2LS
26	0	Q2,Q4	XSTR, OPTION	OPTION
27	1	Q3	XSTR, POWER MOSFET	INFINEON BSC010NE2LS
28	1	Q5	XSTR, SUD50N03-09P MOSFET	SILICONIX SUD50N03-09P
29	0	RN1	THERMISTOR, OPTION	OPTION
30	0	R1-R6,R35,R41,R47,R48	RES 0603 OPTION	OPTION
31	5	R9,R32,R34,R36,R44	RES, 0603 0 OHM JUMPER 1/10W	VISHAY CRC060300000Z0EA
32	1	R10	RES, 0603 100K OHM 5% 1/10W	VISHAY CRCW0603100KJNEA
33	1	R11	RES, 0603 10K OHMS 5% 1/10W	VISHAY CRCE060310K0JNEA
34	1	R12	RES, 2512 0.010 OHM 5% 1W	VISHAY WSL2512R0100FEA
35	0	R18	RES, 2512 OPTION	OPTION
36	1	R27	RES 0603 100K OHMS 1% 1/10W	VISHAY CRCW0603100KFKEA
37	1	R28	RES 0603 1k OHMS 1% 1/10W	VISHAY CRCW06031K00FKEA
38	1	R30	RES, 0603 931 OHMS 1% 1/10W	YAGEO RC0603FR-07931RL
39	2	R31,R45	RES, 0603 10 OHMS 5% 1/10W	VISHAY CRCW060310R0JNEA

40	1	R37	RES, 0603 2.2 OHM 5% 1/10W	VISHAY CRCW06032R20JNEA
41	1	R38	RES, 0603 20K OHM 1% 1/10W	VISHAY CRCW060320K0FKEA
42	1	R39	RES, 0603 30.1K OHM 1% 1/10W	VISHAY CRCW060330K1FKEA
43	1	R40	RES, 0603 10K OHM 1% 1/10W	VISHAY CRCW060310K0FKEA
44	1	R42	RES, 0603 3.01K OHMS 1% 1/10W	VISHAY CRCW06033K01FKEA
45	1	R43	RES, 0603 4.64K OHM 1% 1/10W	VISHAY CRCW06034K64FKEA
46	1	U1	IC, STEP-DOWN CONVERTER	LINEAR TECH LTC3866EUF
47	2	JP1,JP2	SHUNT	SAMTEC 2SN-BK-G