

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
1	1	CIN1	CAP, 22uF 20% 50V	SUN ELECT. 50CE22BS
2	3	C1,C9,C12	CAP, 1206 2.2uF 10% 50V X5R	MURATA GRM31CR71H225KA88L
3	3	C2,C10,C13	CAP, 0603 0.47uF 10% 16V X7R	TDK C1608X7R1C474KT
4	3	C3,C15,C16	CAP, 0603 10nF 10% 50V X7R	AVX 06035C103KAT2A
5	3	C4,C17,C18	CAP, 0603 10uF 10% 6.3V X5R	MURATA GRM188R60J106ME47D
6	1	C5	CAP, 0805 1uF 10% 50V X7R	MURATA GRM21BR71H105KA12L
7	1	C6	CAP, 0603 1uF 10% 16V X7R	TDK C1608X7R1C105K
8	2	C7,C19	CAP, 0603 0.1uF 10% 50V X7R	TDK C1608X7R1H104K
9	3	C8,C11,C14	CAP, 7343 220uF 20% 6.3V POSCAP	SANYO POSCAP 6TPE220MI
10	3	D1,D2,D3	DIODE, RECTIFIER, BARRIER, SCHOTTKY 1.0A	DIODES INC. DFLS160
11	2	JP1,JP2	HEADER, 3PIN, 2mm	SAMTEC TMM-103-02-L-S
12	1	J1	HEADER, 2X7 2MM	MOLEX 87831-1420
13	0	J2	HEADER, 2X7 2MM OPTION	MOLEX 87831-1420 OPTION
14	16	LED00-LED15	LED, TOP, 6-LEAD	OSRAM LRTB-G6TG
15	3	L1,L2,L3	IND, 15uH	WURTH 744778115
16	3	Q1,Q2,Q3	XSTR, P-CHANNEL MOSFET	VISHAY Si9407BDY
17	3	R1,R17,R18	RES, 1206 0.05 OHMS 1% 1/8W	SUSUMU RL32R-R050-F
18	1	R2	RES, 0603 499K OHMS 1% 1/10W	VISHAY CRCW0603499KFKEA
19	1	R3	RES, 0603 100K OHMS 1% 1/10W	VISHAY CRCW0603100KFKEA
20	3	R4,R19,R20	RES, 0603 133K OHMS 1% 1/10W	VISHAY CRCW0603133KFKEA
21	4	R5,R7,R21,R23	RES, 0603 10.0K OHMS 1% 1/10W	VISHAY CRCW060310K0FKED
22	1	R6	RES, 0603 18.2K OHMS 1% 1/10W	VISHAY CRCW060318K2FKEA
23	3	R8,R25,R26	RES, 0603 150K OHMS 1% 1/10W	VISHAY CRCW0603150KFKEA
24	3	R9,R27,R28	RES, 0603 86.6K OHMS 1% 1/10W	VISHAY CRCW060386K6FKEA
25	1	R10	RES, 0603 20.5K OHMS 1% 1/10W	VISHAY CRCW060320K5FKED
26	1	R13	RES, 0603 12.4K OHMS 1% 1/10W	VISHAY CRCW060312K4FKED
27	3	R14,R15,R16	RES, 0603 5.1K OHMS 1% 1/10W	VISHAY CRCW06035K10FKED
28	2	R22,R24	RES, 0603 24.9K OHMS 1% 1/10W	VISHAY CRCW060324K9FKED
29	1	R29	RES, 0603 23.2K OHMS 1% 1/10W	VISHAY CRCW060323K2FKED
30	0	R30	RES, 0603 0 OHMS JUMPER OPTION	VISHAY CRCW06030000Z0ED OPTION
31	3	R31,R32,R33	RES, 0603 5.1 OHMS 1% 1/10W	VISHAY CRCW06035R10FNEA
32	2	TP1,TP2	TURRETS	MILL MAX 2501-2-00-80-00-00-07-0
33	14	TP3,TP41,TP54-TP59,TP75,TP77,TP79,TP81,TP83,TP84	TURRETS	MILL-MAX 2308-2-00-80-00-00-07-0
34	3	U1,U2,U3	IC, 16-CHANNEL LED DRIVER	LINEAR TECH. LT3745EUJ
35	1	U4	IC, LT3010EMS8E	LINEAR TECH LT3010EMS8E
36	1	U5	IC, LTC1799CS5	LINEAR TECH LTC1799CS5
37	1	U6	IC, 24LC025-I/ST	MICROCHIP TECH. 24LC025-I/ST
38	2	JP1,JP2	SHUNT, 2mm	SAMTEC 2SN-BK-G
39	4		STANDOFF, SNAP ON	KEYSTONE_8831