

Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
1	1	CF	CAP, 0603 1nF 10% 50V X7R	AVX 06035C102KAT
2	1	CG	CAP, 0603 5.1nF 5% 50V U2J	MURATA GRM1887U1H512JA01D
3	0	R17,COUT,CIN	DO NOT STUFF	NONE
4	1	CSS	CAP, 0603 0.1uF 10% 16V X7R	MURATA GRM188R71C104KA01D
5	1	CT	CAP, 1206 820nF 10% 16V X7R	MURATA GRM31MR71C824KA01L
	0	CT - ALTERNATE	CAP, 1206 820nF 10% 16V X7R	AVX 1206YC824KAT2A
6	1	CVCC	CAP, 0603 100nF 10% 50V X7R	TDK C1608X7R1H104K
7	1	C4	CAP, 1206 100nF 5% 50V X7R	AVX 12065C104JAT
8	6	D1,D2,D3,D5,D6,D7	LED, GREEN	PANASONIC LN1351C
9	1	D4	LED, RED	PANASONIC LN1251C
10	5	E1,E2,E13,E14,E15	TURRET	MILL-MAX 2501
11	11	E3-E12,E16	TURRET	MILL-MAX 2308-2-00-44
12	4	JP1,JP2,JP8,JP9	HEADER, 3 PIN	SAMTEC TMM-103-02--L-S
13	3	JP4,JP5,JP6	HEADER, 4PIN	SAMTEC TMM-104-02--L-S
14	1	JP7	HEADER, 2X7 DUAL ROW	MOLEX 87831-1420
15	1	Q1	XSTR, N-CHANNEL (D-S) MOSFET 20V	SILICONIX Si4864DY-T1-E3
16	4	Q2,Q3,Q4,Q5	XSTR, N-CHANNEL 60V MOSFET	VISHAY SILICONIX 2N7002
17	0	Q6	DO NOT STUFF	FAIRCHILD FDC653N OPTION
18	0	Q7	XSTR, N-CHANNEL 30V MOSFET OPTION	VISHAY SILICONIX SUM90N03-2m2P OPTION
19	0	Q8	XSTR, MOSFET OPTION	STMicroelectronics STV300NH02L OPTION
20	1	RS	RES, 1206 0.004 OHMS 1% 1/2W	VISHAY WSL12064L000FEA
21	0	RS1,RS2	RES, 1206 0.004 OHMS 1% 1/2W OPTION	VISHAY WSL12064L000FEA OPTION
22	1	R1	RES, 0603 133K OHMS 1% 1/10W	VISHAY CRCW0603133KFKEA
23	1	R2	RES, 0603 4.75K OHMS 1% 1/10W	VISHAY CRCW06034K751FKEA
24	1	R3	RES, 0603 13.7K OHMS 1% 1/10W	VISHAY CRCW060313K7FKEA
25	3	R4,R9,R10	RES, 1206 4.7K OHMS 5% 1/4W	VISHAY CRCW12064K70FKEA
26	1	R5	RES, 0603 10 OHMS 5% 1/10W	VISHAY CRCW060310R0JNEA
27	0	R6	RES, 0603 15K OHMS 5% 1/10W NO STUFF	VISHAY CRCW060315K0FKEA NO STUFF
28	1	R7	RES, 0603 22.1K OHMS 1% 1/10W	VISHAY CRCW060322K1FKEA
29	1	R8	RES, 0603 3.01K OHMS 1% 1/10W	VISHAY CRCW06033K01FKEA
30	1	R11	RES, 1206 143K OHMS 1% 1/4W	VISHAY CRCW1206143KFKEA
31	1	R12	RES, 1206 12.4K OHMS 1% 1/4W	VISHAY CRCW120612K4FKEA
32	4	R13,R15,R16,R18	RES, 1206 5.11K OHMS 1% 1/4W	VISHAY CRCW12065K11FKEA
33	1	R14	RES, 1206 10K OHMS 1% 1/4W	VISHAY CRCW120610K0FKEA
34	4	R19,R20,R21,R22	RES, 1206 1K OHMS 5% 1/14W	VISHAY CRCW12061K00JNEA
35	1	R23	RES, 0603 300K OHMS 5% 1/10W	VISHAY CRCW0603300KJNEA
36	1	R24	RES, 0603 0 OHM JUMPER	VISHAY CRCW06030000Z0EA
37	1	U1	IC, 12V RAIL HOT SWAP	LINEAR TECH LTC4280IUF
38	1	U2	IC, SERIAL EEPROM	MICROCHIP 24LC025-I/ST

39	7	JP1,JP2,JP4-JP6,JP8,JP9	SHUNT	SAMTEC 2SN-BK-G
40	1	Z1	DIODE, TRANSIENT VOTAGE SUPPRESSOR	DIODES INC. SMBJ15CA-13-F