

	A	B	C	D	E
1	Item	Qty	Ref - Des	Desc	Manufacturer's Part Number
2	1	1	CIN1	CAP, 1206 22uF 20% 10V X5R	TDK C3216X5R1A226M
3	2	1	CIN2	CAP, 7343 47uF 20% 16V POSCAP	PANASONIC 16TQC47MW
4	3	0	CIN3,CIN5	CAP, 1206 OPTION	OPTION
5	4	0	CIN4	CAP, 7343 OPTION	OPTION
6	5	2	COU1,COU2	CAP, 1210 100uF 20% 6.3V X5R	MURATA GRM32ER60J107ME20
7	6	2	COU3,COU4	CAP, 1206 10uF 10% 6.3V X5R	MURATA GRM31CR60J106K01L
8	7	0	COU5	CAP, 7343 220uF 20% 10V POSCAP OPTION	PANASONIC 10TPE220ML OPTION
9	8	1	C1	CAP, 0603 47pF 5% 50V NPO	AVX 06035A470JAT2A
10	9	1	C2	CAP, 0603 470pF 5% 50V NPO	MURATA GCM1885C1H471JA16D
11	10	1	C3	CAP, 0603 10nF 10% 25V X7R	AVX 06033C103KAT2A
12	11	1	C4	CAP, 0603 51pF 5% 50V NPO	AVX 06035A510JAT
13	12	1	C5	CAP, 0603 100nF 10% 50V X7R	AVX 06035C104KAT2A
14	13	0	C6	CAP, 0603 OPTION	OPTION
15	14	1	C7	CAP, 0603 1uF 20% 25V X5R	AVX 06033D105KAT2A
16	15	0	C8,C9	CAP, 1210 OPTION	OPTION
17	16	1	D1	LED, 0603 GREEN	OSRAM LG L29K-G2J1-24-Z
18	17	1	D2	LED, 0603 RED	OSRAM LS L29K-H1J2-1-Z
19	18	15	E1,E2,E3,E4,E5,E6,E7,E8,	TURRET	MILL-MAX 2501-2-00-80-00-00-07-0
20			E9,E10,E11,E12,E13,E14,		
21			E15		
22	19	3	JP1,JP3,JP5	HEADER, 3PIN, 2mm	SULLINS, NRPN031PAEN-RC
23	20	1	JP2	HEADER, 4PIN, 2mm	SULLINS, NRPN041PAEN-RC
24	21	1	JP4	HEADER, 3PIN, DBL ROW 2mm	SULLINS, NRPN032PAEN-M456RC
25	22	3	JP6,JP7,JP8	HEADER, 2PIN, 2mm	SULLINS, NRPN021PAEN-RC
26	23	1	J1	HEADER, 12PIN 2mm STR DL	FCI 98414-G06-12ULF
27	24	1	J3	HEADER, 14PIN DUAL ROW R/A	MOLEX 87760-1416
28	25	1	J4	CONN, SOCKET 14PIN DUAL ROW R/A	SULLINSINC. NPPN072FJFN-RC
29	26	1	L1	IND, .33uH	COILCRAFT XAL6030-331MEC
30	27	4	MH1,MH2,MH3,MH4	STANDOFF, SNAP ON	KEYSTONE_8831
31	28	1	Q1	XSTR, N-CHANNEL DMOS FET	VISHAY SI2365EDS1-GE3
32	29	1	Q2	XSTR, N-CHANNEL DMOS FET	FAIRCHILD 2N7002
33	30	1	R1	RES, 0603 1K OHM 1% 1/10W	VISHAY CRCW06031K00FKEA
34	31	4	R2,R6,R19,R29	RES, 0603 0 OHM JUMPER	VISHAY CRCW06030000Z0EA
35	32	0	R3,R5,R14,R17,R21,R22,	RES, 0603 OPTION	OPTION
36			R23,R24,R25,R26		
37	33	4	R4,R8,R9,R10	RES, 0603 10k OHMS 1% 1/10W	VISHAY CRCW060310K0FKEA
38	34	3	R7,R13,R20	RES, 0603 10 OHMS 1% 1/10W	VISHAY CRCW060310R0FKEA

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39	35	1	R11	RES, 0603 10k OHMS 0.5% 1/10W	VISHAY CRCW060310K0DKEAP
40	36	1	R12	RES, 0603 100k OHMS 1% 1/10W	VISHAY CRCW0603100KFKEA
41	37	2	R15,R16	RES, 0603 4.99K OHMS 1% 1/10W	VISHAY CRCW06034K99FKEA
42	38	1	R18	RES, 0603 18K OHM 0.5% 1/10W	VISHAY CRCW060318K0DKEAP
43	39	1	R27	RES, 0603 200 OHMS 5% 1/10W	VISHAY CRCW0603200RJNEA
44	40	1	R28	RES, 0603 127 OHMS 1% 1/10W	VISHAY CRCW0603127RFKEA
45	41	1	U1	IC, LTC3815EUFE	LINEAR TECH. LTC3815EUFE#PBF
46	42	1	U2	IC, 24LC025-I/ST	MICROCHIP 24LC025-I/ST
47	43	6	XJP1,XJP2,XJP3,XJP4,XJP5,	SHUNT, 2mm	SAMTEC 2SN-BK-G
48			XJP6		