

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	100
1	25	C1,C2,C3,C6,C7,C8,C25,C26,C27,C28,C33,C34,C35,C36,C41,C42,C43,C44,C49,C50,C51,C52,C57,C58,C59	CAP., 0.1uF, X7R, 50V, 10%, 0402	MURATA, GRM155R71H104KE14D TDK, C1005X7R1H104K050BB	2500
2	1	C4	CAP., 47uF, X5R, 6.3V, 20%, 0603	MURATA, GRM188R60J476ME15D	100
3	1	C5	CAP., 2.2uF, X5R, 25V, 20%, 0603	MURATA, GRM188R61E225ME84D	100
4	7	C9,C10,C11,C12,C16,C19,C22	CAP., 1uF, X5R, 16V, 10%, 0402	MURATA, GRM155R61C105KE01D	700
5	6	C13,C14,C15,C17,C21,C24	CAP., 10uF, X5R, 25V, 20%, 0603	MURATA, GRM188R61E106MA73D	600
6	3	C18,C20,C23	CAP., 0.01uF, X7R, 16V, 10%, 0402	MURATA, GRM155R71C103KA01D NIC, NMC0402X7R103K16TRPF	300
7	0	C29,C30,C31,C32,C37,C38,C39,C40,C45,C46,C47,C48,C53,C54,C55,C56,C61,C62,C64,C65,C67,C68,C70,C71,C73,C74,C76,C77,C79,C80,C82,C83 (OPT)	CAP., OPTION, 0402	OPT	0
8	8	C60,C63,C66,C69,C72,C75,C78,C81	CAP., 1000pF, C0G, 50V, 5%, 0402	MURATA, GRM1555C1H102JA01D	800
9	2	D1,D2	DIODE, SCHOTTKY, 30V, 200mW, 200mA, SOT23-3	DIODES INC., BAT54S-7-F	200
10	10	E1,E2,E3,E4,E5,E6,E7,E8,E9,E10	TEST POINT, TURRET ,0.064", MTG. HOLE	MILL-MAX, 2308-2-00-80-00-00-07-0	1000
11	1	F1	FUSE, 1A, 63VAC/VDC, 1206, SMD, FUSE-LITTELFUSE-0468	LITTELFUSE, 0468001.NRHF	100
12	16	GDT1,GDT2,GDT3,GDT4,GDT5,GDT6,GDT7,GDT8,GDT9,GDT10,GDT11,GDT12,GDT13,GDT14,GDT15,GDT16	GDT, GAS DISCHARGE TUBE, 60V, 1kA, 2-POLE, SMD 5mmX4.4mm, CYLINDER SQUARE END	BOURNS, 2031-15T-SM-RPLF	1600
13	18	JP1,JP2,JP3,JP4,JP5,JP6,JP7,JP8,JP9,JP10,JP11,JP12,JP13,JP14,JP15,JP16,JP17,JP18	CONN., HDR, MALE, 1x3, 2mm, THT, STR, HD1X3-079	WURTH ELEKTRONIK, 62000311121	1800
14	3	J1,J2,J3	CONN., TERM. BLOCK, RCPT., 1x12, 2.54mm, SIDE ENTRY, HORZ. THT, GRN.	TE Connectivity, 1-282834-2	300
15	1	J4	CONN., HDR., MALE, 2x7, 2mm, THT, VERT, SHROUDED, HD2X7-079-MOLEX	MOLEX, 87831-1420	100
16	1	P1	CONN., HSMC, HDR, MALE, 2x80, 0.5mm, STR, SMD, SHROUDED	SAMTEC, ASP-122952-01	100
17	32	Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8,Q9,Q10,Q11,Q12,Q13,Q14,Q15,Q16,Q17,Q18,Q19,Q20,Q21,Q22,Q23,Q24,Q25,Q26,Q27,Q28,Q29,Q30,Q31,Q32	XSTR., DMOS-FET, N-CH, 500V, 1mA, SOT-23	MICROCHIP., LND150K1-G	3200
18	0	R14,R62 (OPT)	RES., OPTION, 0402	OPT	0
19	2	R15,R16	RES., 11.5k OHMS, 1%, 1/16W, 0402, AEC-Q200	VISHAY, CRCW040211K5FKED	200
20	4	R17,R18,R20,R22	RES., 1k OHMS, 5%, 1/16W, 0402	VISHAY, CRCW04021K00JNED NIC, NRC04J102TRF	400
21	1	R19	RES., 1.69k OHMS, 1%, 1/16W, 0402, AEC-Q200	VISHAY, CRCW04021K69FKED	100
22	1	R21	RES., 3.09k OHMS, 1%, 1/16W, 0402, AEC-Q200	VISHAY, CRCW04023K09FKED	100

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	100
23	18	R26,R55,R56,R57,R58,R59,R61,R63,R65,R72,R73,R74,R83,R84,R85,R86,R87,R88	RES., 49.9 OHMS, 1%, 1/16W, 0402	VISHAY, CRCW040249R9FKED NIC, NRC04F49R9TRF	1800
24	1	R64	RES., 5.49k OHMS, 1%, 1/16W, 0402, AEC-Q200	VISHAY, CRCW04025K49FKED	100
25	3	R66,R67,R68	RES., 4.02k OHMS, 1%, 1/16W, 0402, AEC-Q200	VISHAY, CRCW04024K02FKED	300
26	0	R75,R76,R77,R78	RES., 100 OHMS, 1%, 1/16W, 0402	OPT	0
27	16	R89,R90,R91,R92,R93,R94,R95,R96,R97,R98,R99,R100,R101,R102,R103,R104	RES., 32.4k OHMS, 1%, 1/16W, 0402, AEC-Q200	VISHAY, CRCW040232K4FKED	1600
28	1	U1	IC., 18-Bit, 200Ksps Buffered Octal, LQFP48LX-7X7	LINEAR TECH., LTC2358ILX-18#PBF	100
29	1	U2	IC., PRECISION DUAL OUTPUT 5V, MSE16	LINEAR TECH., LT6658AIMSE-5#PBF	100
30	3	U3,U4,U5	IC., 500mA LDO uPWR REGULATOR ADJ., SO8	LINEAR TECH., LT1763CS8#PBF	300
31	1	U6	IC., 200mA, 5V LDO NEG. uPWR REG., SOT23-S5	LINEAR TECH., LT1964ES5-SD#PBF	100
32	8	U7,U9,U11,U13,U15,U17,U19,U21	IC., Dual 55V R-R OUTPUT OP AMP, SO8E	ANALOG DEVICES INC., ADA4522-2ARZ	800
33	8	U8,U10,U12,U14,U16,U18,U20,U22	IC., Quad Matched Resistor Network, MS8E	LINEAR TECH., LT5400BMPMS8E-4#PBF	800
34	1	U23	IC., Single D Flip Flop, US8, Case 493	ON SEMI., NL17SZ74USG	100
35	1	U25	IC, EEPROM, I2C, TSSOP-8, 2Kb (256 x 8), 400kHz	MICROCHIP, 24LC024-I/ST	100
36	1	Y1	OSC., HCMOS CLOCK, 100MHZ, +/-50ppm, SMD-4, 7mmX5mm, 3.3V, Y-CB3LV	CTS, CB3LV-3C-100M0000	100
37	4	MH1,MH2,MH3,MH4	SCREW, #4-40 X 3/8" PAN HEAD, STEEL, ZINC PLATE	KEYSTONE, 9301	400
38	4	MH1,MH2,MH3,MH4	STANDOFF, NYLON, HEX, #4-40 x 5/8	MICRO PLASTICS INC., 14HTSP019	400
39	18	JP1,JP2,JP3,JP4,JP5,JP6,JP7,JP8,JP9,JP10,JP11,JP12,JP13,JP14,JP15,JP16,JP17,JP18 (PIN 1&2 SEE ASSY DWG)	CONN., SHUNT, FEMALE, 2 POS, 2mm	WURTH ELEKTRONIK, 60800213421	1800
40	2	STENCILS FOR TOP AND BOTTOM	TOOL, STENCIL, DC2677A-1	LINEAR TECH., DC2677A-1	2
41	4	MH1,MH2,MH3,MH4	SCREW, #4-40 X 1/2" PAN HEAD, STEEL, ZINC PLATE	KEYSTONE, 9302	400
42	4	MH1,MH2,MH3,MH4	NUT, HEX, #4-40, STEEL, ZINC PLATE, OD: 0.187 [4.7]	KEYSTONE, 4694	400
43	4	MH1,MH2,MH3,MH4	SPACER, 5mm, M3, ALUMINUM, ROUND UNTHREADED	HARWIN, R30-6200514	400
		ITEMS 41 TO 43 ARE TO BE PACKED IN THE RELEASED BAGS FOR CUSTOMERS USED ONLY. NO STUFFED			