

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>100</b>
1	25	C1-C3,C6-C8,C25-C28,C33-C36, C41-C44,C49-C52,C57-C59	CAP., X7R, 0.1uF, 50V, 10%, 0402	MURATA, GRM155R71H104KE14D	2500
2	1	C4	CAP., X5R, 47uF, 6.3V, 20%, 0603	MURATA, GRM188R60J476ME15D	100
3	1	C5	CAP., X5R, 2.2uF, 25V, 20%, 0603	MURATA, GRM188R61E225ME84D	100
4	7	C9-C12,C16,C19,C22	CAP., X5R, 1uF, 16V, 10%, 0402	MURATA, GRM155R61C105KE01D	700
5	6	C13,C14,C15,C17,C21,C24	CAP., X5R, 10uF 25V, 20%, 0603	MURATA, GRM188R61E106MA73D	600
6	3	C18,C20,C23	CAP., X7R, 0.01uF, 16V, 10%, 0402	MURATA, GRM155R71C103KA01D	300
7	0	C29-C32,C37-C40,C45-C48,C53-C56, C61,C62,C64,C65,C67,C68,C70,C71, C73,C74,C76,C77,C79,C80,C82,C83	CAP., 0402	OPT	0
8	8	C60,C63,C66,C69,C72,C75,C78,C81	CAP., C0G, 1000pF, 50V, 5%, 0402	MURATA, GRM1555C1H102JA01D	800
9	2	C84,C85	CAP., X7R, 150pF, 250V, 10%, 1808	MURATA, GA342QR7GF151KW01L	200
10	2	D1,D2	DIODE, SCHOTTKY, DUAL, SOT23	DIODES INC., BAT54S-7-F	200
11	10	E1-E10	TESTPOINT, TURRET, .064"	MILL-MAX, 2308-2-00-80-00-00-07-0	1000
12	1	F1	FUSE,BOARD MNT 1A 63VAC/VDC 1206, FUSE-LITTELFUSE-0468	LITTELFUSE, 0468001.NRHF	100
13	16	GDT1-GDT16	GAS DISCHARGE TUBE, GDT-BOURNS-2031-15ST-SM	BOURNS, 2031-15T-SM-RP-LF	1600
14	18	JP1-JP18	HEADER, 2MM SINGLE STR 3POS,HD1X3-079	WURTH ELEKTRONIK, 62000311121	1800
15	3	J1,J2,J3	CONN., TERMINAL BLK, GRN, 12 PINS, 2.54mm	TE Connectivity AMP Conn., 1-282834-2	300
16	1	J4	CONN., HEADER 14POS 2MM VERT GOLD,HD2X7-079-MOLEX	MOLEX, 87831-1420	100
17	1	P1	CONN., HSMC, CON-SAMTEC-ASP-122952-01	SAMTEC, ASP-122952-01	100
18	32	Q1-Q32	DMOS-FET, N-CH, SOT23	Microchip Technology, LND150K1-G /	3200
19	40	R1-R9,R12,R13,R23-R26,R55-R59, R61,R63,R65,R72-R88	RES., CHIP, 49.9, 1/10W, 1% 0402	VISHAY, CRCW040249R9FKED	4000
20	6	R10,R11,R17,R18,R20,R22	RES., CHIP, 1K, 1/16W, 5% 0402	VISHAY, CRCW04021K00JNED	600
21	0	R14,R62	RES., 0402	OPT	0
22	2	R15,R16	RES., CHIP, 11.5K, 1/16W, 1% 0402	VISHAY, CRCW040211K5FKED	200
23	1	R19	RES., CHIP, 1.69K, 1/16W, 1% 0402	VISHAY, CRCW04021K69FKED	100
24	1	R21	RES., CHIP, 3.09K, 1/16W, 1% 0402	VISHAY, CRCW04023K09FKED	100
25	1	R60	RES., CHIP, 4.64K, 1/16W, 1% 0402	VISHAY, CRCW04024K64FKED	100
26	1	R64	RES., CHIP, 5.49K, 1/16W, 1% 0402	VISHAY, CRCW04025K49FKED	100
27	3	R66,R67,R68	RES., CHIP, 4.02K, 1/16W, 1% 0402	VISHAY, CRCW04024K02FKED	300
28	3	R69,R70,R71	RES., CHIP, 0 OHM, 1/16W, 1%, 0402	VISHAY, CRCW04020000Z0ED	300
29	16	R89-R104	RES., CHIP, 32.4K, 1/16W, 1% 0402	VISHAY, CRCW040232K4FKED	1600
30	1	U1	IC., 18-BIT, LQFP48LX-7X7	LINEAR TECH., LTC2358ILX-18#PBF	100
31	1	U2	IC., PRECISION DUAL OUTPUT, MSE16	LINEAR TECH., LT6658AHMSE-5#PBF	100
32	3	U3,U4,U5	IC., 500mA LDO MICROPWR REGULATORS, SO8	LINEAR TECH., LT1763CS8#PBF	300

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				<b>NUMBER OF BOARDS =</b>	<b>100</b>
33	1	U6	IC., 200mA LDO MICROPWR REGULATORS,SOT23-S5	LINEAR TECH., LT1964ES5-SD#PBF	100
34	8	U7,U9,U11,U13,U15,U17,U19,U21	IC., RAIL-TO-RAIL OUTPUT OPERATIONAL AMPLIFIER, <b>SO8E</b>	ADI, ADA4522-2ARZ	800
35	8	U8,U10,U12,U14,U16,U18,U20,U22	IC., QUAD RESISTOR NETWORK, MS8E	<b>LINEAR TECH., LT5400BMPMS8E-4</b>	800
36	1	U23	IC., D-TYPE POS TRG SNGL, US8	ON SEMI., NL17SZ74USG	100
37	1	U24	IC., 100MHz ISOLATED ADC,BGA36-15X6.25X2.06	LINEAR TECH., LTM2893IY-1#PBF	100
38	1	U25	IC., SERIAL EEPROM, TSSOP8	Microchip, 24LC024-I/ST	100
39	1	Y1	<b>OSCILLATOR, HCMOS CLOCK, 100MHz 3.3V,Y-CB3LV</b>	<b>CTS, CB3LV-3C-100M0000</b>	100
40	4	MH1-MH4	SCREW, #4-40 X 3/8" PHILLIPS HEAD	MCMaster-CARR, 91772A108	400
41	4	MH1-MH4	STANDOFF, NYLON, HEX, #4-40 x 5/8	MICRO-PLASTIC, 14HTSP019	400
42	18	SHUNTS ON JP1-JP18 PINS 1&2	SHUNT, 2mm	WURTH ELEKTRONIK, 60800213421	1800
43	2	STENCILS FOR TOP AND BOTTOM	STENCILS FOR BOTH SIDES	DC2542A-2	2
44	2	MH1-MH4	<b>SCREW, #4-40 X 1/2" PHILLIPS HEAD</b>	<b>MCMaster-CARR, 91772A110</b>	<b>200</b>
45	2	MH1-MH4	<b>NUT, HEX, #4-40</b>		<b>200</b>
46	2	MH1-MH4	<b>SPACER, 5mm, M3</b>	<b>HARWIN, R30-6200514</b>	<b>200</b>
		<b>ITEMS 44 TO 46 ARE TO BE PACKED IN THE RELEASED BAGS FOR CUSTOMERS USED ONLY. NO STUFFED.</b>			