

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	225
1	0	C1,C9,C52,C54,C55,C56	CAP., 0603	OPT	0
2	1	C2	CAP., NP0, 2200pF, 25V, 5% 1206	AVX, 12063A222JAT2A	225
3	9	C10,C18,C20,C22,C28,C30,C37,C51,C53	CAP., X5R, 10µF, 6.3V, 20% 0603	Taiyo Yuden, JMK107BJ106MA (2rls, PbF)	2025
4	13	C11,C27,C29,C31,C32,C34,C35,C38,C50, C57,C59,C60,C63	CAP., X7R, 0.1µF, 25V, 10% 0603	AVX, 06033C104KAT2A	2925
5	11	C12,C16,C23,C24,C25,C33,C36,C41,C58, C61,C62	CAP., X7R, 1µF, 16V, 10% 0603	AVX, 0603YC105KAT2A	2475
6	2	C13,C14	CAP., X5R, 10µF, 10V, 20% 0805	Taiyo Yuden, LMK212BJ106MG	450
7	4	C15,C17,C19,C21	CAP., X7R, 0.01µF, 50V, 10% 0603	AVX, 06035C103KAT2A	900
8	1	C26	CAP., X5R, 47µF, 16V, 20% 1210	Taiyo Yuden, EMK325BJ476MM	225
9	1	C39	CAP., NP0, 18pF, 50V, 5% 0603	AVX, 06035A180JAT2A	225
10	1	C40	CAP., X5R, 4.7µF, 4V, 20% 0402	Taiyo Yuden, AMK105BJ475MV-F	225
11	8	C42,C43,C44,C45,C46,C47,C48,C49	CAP., X5R, 0.1µF, 10V, 10% 0402	AVX, 0402ZD104KAT2A	1800
12	9	E1,E2,E3,E4,E5,E6,E7,E8,E9	TESTPOINT, TURRET, .064"	MILL-MAX, 2308-2-00-80-00-00-07-0	2025
13	6	JP1,JP2,JP3,JP4,JP5,JP6	JMP, 1X3, 0.1"	SAMTEC, TSW-103-07-L-S	1350
14	6	SHUNTS ON JP1-JP6 PINS 1&2	SHUNT, 0.1" CENTER	SAMTEC, SNT-100-BK-G	1350
15	1	JP7	JMP, 1X3, 0.079CC	SAMTEC, TMM-103-02-L-S	225
16	1	SHUNT ON JP7 PINS 1&2	SHUNT, 0.079" CENTER	SAMTEC, 2SN-BK-G	225
17	1	JTAG	HEADER, 2X5, 0.1"	SAMTEC, TSW-105-07-L-D	225
18	1	J1	HEADER, 0.1 X 0.1 CNTRS, 40PIN	SAMTEC, TSW-120-07-L-S	225
19	3	J2,J3,J4	CONN, BNC, 5 PINS	CONNEX, 112404	675
20	3	R1,R4,R6	RES., CHIP, 0Ω, 1/10W, 0603	VISHAY, CRCW06030000Z0EA	675
21	2	R2,R3	RES., CHIP, 249, 1/10W, 1% 0603	VISHAY, CRCW0603249RFKEA	450
22	1	R7	RES., CHIP, 499Ω, 1/10W, 1% 0603	VISHAY, CRCW0603499RFKEA	225
23	3	R8,R9,R10	RES., CHIP, 4.99KΩ, 1/10W, 1% 0603	VISHAY, CRCW06034K99FKEA	675
24	9	R11,R12,R14,R16,R18,R19,R28,R30,R37	RES., CHIP, 1KΩ, 1/10W, 5% 0603	VISHAY, CRCW06031K00JNEA	2025
25	2	R13,R15	RES., CHIP, 3.92KΩ, 1/10W, 1% 0603	VISHAY, CRCW06033K92FKEA	450
26	1	R17	RES., CHIP, 49.9Ω, 1/4W, 1% 1206	VISHAY, CRCW120649R9FKEA	225
27	3	R20,R22,R49	RES., CHIP, 33Ω, 1/10W, 5% 0603	VISHAY, CRCW060333R0JNEA	675
28	1	R24	RES., CHIP, 1.0Ω, 1/10W, 5% 0603	VISHAY, CRCW06031R00JNEA	225
29	1	R25	RES., CHIP, 1.69KΩ, 1/10W, 1% 0603	VISHAY, CRCW06031K69FKEA	225
30	1	R26	RES., CHIP, 1.54KΩ, 1/10W, 1% 0603	VISHAY, CRCW06031K54FKEA	225
31	1	R27	RES., CHIP, 2.80KΩ, 1/10W, 1% 0603	VISHAY, CRCW06032K80FKEA	225
32	0	R29,R36,R38,R50,R53,R55	RES., CHIP, 0603	OPT	0
33	4	R31,R32,R33,R34	RES., CHIP, 1KΩ, 1/16W, 5% 0402	VISHAY, CRCW04021K00JNED	900

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	225
34	5	R35,R40,R41,R42,R43	RES., CHIP, 10KΩ, 1/16W, 5% 0402	VISHAY, CRCW040210K0JNED	1125
35	4	R45,R46,R47,R48	RES., CHIP, 300Ω, 1/16W, 5% 0402	VISHAY, CRCW0402300RJNED	900
36	2	R51,R52	RES., CHIP, 49.9, 1/16W, 1% 0402	VISHAY, CRCW040249R9FKED	450
37	1	R54	RES., CHIP, 10K, 1/10W, 5% 0603	VISHAY, CRCW060310K0JNEA	225
38	1	SW1	SWITCH, 219-4MST,	CTS Electronic Components, 219-4MST	225
39	1	U2	IC., LT6350CMS8, MS8	LINEAR TECH., LT6350CMS8	225
40	1	U4	IC., 24LC025, TSSOP-8	MICROCHIP., 24LC025-T/ST	225
41	1	U5	IC., LT1790ACS6-4.096, SOT23-6	LINEAR TECH., LT1790ACS6-4.096#PBF	225
42	1	U6	IC., LT1763CS8-1.8, SO8	LINEAR TECH., LT1763CS8-1.8#PBF	225
43	2	U7,U9	IC., LT1763CS8, SO8	LINEAR TECH., LT1763CS8#PBF	450
44	1	U8	IC., LT1763CS8-5, SO8	LINEAR TECH., LT1763CS8-5#PBF	225
45	1	U10	IC., LT1964ES5-SD, SOT23-5	LINEAR TECH., LT1964ES5-SD#PBF	225
46	1	U12	IC., NL17SZ74, US8	ON SEMI., NL17SZ74USG	225
47	1	U13	IC., NC7ST04P5X, SC70-5	FAIRCHILD, NC7ST04P5X	225
48	1	U14	IC., EPM240GT100C5N, TQFP100	ALTERA CORP., EPM240GT100C5N	225
49	1	U15	IC., NC7SZ04P5X, SC70-5	FAIRCHILD, NC7SZ04P5X	225
50	1	U16	IC., NC7SVU04P5X, SC70-5	FAIRCHILD, NC7SVU04P5X	225
51	4	STAND-OFF AT 4 CORNERS	STAND-OFF, NYLON 0.25"	KEYSTONE, 8831(SNAP ON)	900
52	1		STENCIL FOR TOP SIDE ONLY	DC1500A-1	1

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	40
1	1	DC1500A-1	GENERAL BOM		1
2	1	U1	IC., LTC2393CLX-16, LQFP48-7X7	LINEAR TECH., LTC2393CLX-16#PBF	40

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	40
1	1	DC1500A-1	GENERAL BOM		1
2	1	U1	IC., LTC2392CLX-16, LQFP48-7X7	LINEAR TECH., LTC2392CLX-16#PBF	40

<i>Item</i>	<i>Qty</i>	<i>Reference</i>	<i>Part Description</i>	<i>Manufacturer / Part #</i>	<i>Kit Qty</i>
				NUMBER OF BOARDS =	40
1	1	DC1500A-1	GENERAL BOM		1
2	1	U1	IC., LTC2391CLX-16, LQFP48-7X7	LINEAR TECH., LTC2391CLX-16#PBF	40