

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	275
1	3	CF,CIN1,C1	CAP., X7R, 0.1µF, 25V, 10%, 0603	TDK, C1608X7R1E104K080AA	825
2	3	CG1,CUV,COV	CAP., X7R, 0.01µF, 16V, 10%, 0603	MURATA, GRM188R71C103KA01D	825
3	1	CG2	CAP., X7R, 0.22µF 25V, 10%, 0603	MURATA, GRM188R71E224KA88D	275
4	1	CIN2	CAP., ELECT., 220µF 16V, 20%, C-CE-FS-6.3X7.7	SUN ELECT., 16CE220FS	275
5	1	CL	CAP., ELECT., 10µF 100V, 20%, C-CE-FS-6.3X7.7	SUN ELECT., 100CE10FS	275
6	1	CR	CAP., X5R, 0.47µF 50V, 10%, 0603	MURATA, GRM188R61H474KA12D	275
7	1	CSNUB1	CAP., U2J, 0.01µF, 250V, 1206	MURATA, GRM31B7U2E103JW31L	275
8	1	CTMR	CAP., C0G, 2200pF 50V, 5%, 0603	MURATA, GRM1885C1H222JA01D	275
9	1	CVCC	CAP., X7R, 1µF, 50V, 10%, 0603	Taiyo Yuden, UMK107AB7105KA-T	275
10	1	DIN	DIODE, FAST SWITCHING, SOD323	DIODES INC., BAV21WS-7-F	275
11	7	DLED1-DLED3,DLED5-DLED8	LED, GREEN, WATERCLEAR, 0805	Würth Elektronik, 150080GS75000	1925
12	3	DLED4,DLED9,DLED10	LED, RED, WATERCLEAR, 0805	Würth Elektronik, 150080RS75000	825
13	4	E1,E14,E26,E27	TESTPOINT, TURRET, .094" pbf	MILL-MAX, 2501-2-00-80-00-00-07-0	1100
14	31	E3-E6,E10,E11,E13,E15-E17,E23,E25,E28-E47	TESTPOINT, TURRET, .064" pbf	MILL-MAX, 2308-2-00-80-00-00-07-0	8525
15	3	H1,H2,H3	RING TERMINAL, 1/4 STUD, PAD-ILSCO-SLUH-90	PANDUIT, S4-14R-T	825
				(ALTERNATE ILSCO, SLUH-90)	0
				(ALTERNATE Lenco L-26)	0
16	3	FOR H1,H2,H3	SCREW, 1/4-28X3/4 CAP	ANY, 1/4-28X3/4CAP SS	825
17	6		FLAT WASHER, 1/4	ANY, 1/4FLT SS	1650
18	3		SPLIT WASHER, 1/4	ANY, 1/4SPL SS PS	825
19	3		NUT, 1/4-28	ANY, 1/4-28HEX SS	825
20	1	JP1	HEADER, 2.54mm 1X2 STR GOLD PLATING	Würth Elektronik, 61300211121	275
21	2	JP2,JP3	HEADER, 2mm 2x3 STR GOLD PLATING	Würth Elektronik, 62000621121	550
22	2	JP4,JP6	HEADER, 2mm 2x2 STR GOLD PLATING	Würth Elektronik, 62000421121	550
23	1	JP7	HEADER, 2.54mm 2x2 STR GOLD PLATING	Würth Elektronik, 61300421121	275
24	1	J1	CONN., HEADER, 14 Pin, 2mm	MOLEX, 87831-1420	275
25	1	J2	CONN., HEADER, 12 Pin, 2mm	MOLEX, 87831-1220	275
26	3	J3,J4,J5	JACK, BANANA, NON-INSULATED	KEYSTONE, 575-4	825
27	1	MALT#	TRANSISTOR, N-CH, SOT23	FAIRCHILD, 2N7002K	275
28	1	M1	MOSFET, N-CH, 100V 7.6mOHM, D2PAK	NXP, PSMN7R6-100BSE	275
29	2	M2B,M2A	TRANSISTOR, PWR, N-CH, 100V, PG-HSOF-8	INFINEON, IPT020N10N3	550
30	0	M2D,M2C	TRANSISTOR, PWR, N-CH, 100V, PG-HSOF-8	OPT	0
31	1	QLED	TRANSISTOR, PWR, N-CH, 100V, SOT223-NOPIN2	ON SEMI., NSS1C201MZ4T1G	275
32	7	RPGIO3,RPGIO4,RWP,RSDAI,RSCL,REN#,RALT#	RES., 200k OHMS, 1/10W 5%, 0603	VISHAY, CRCW0603200KJNEA	1925

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33	0	RSDAO	RES., 200k OHMS, 1/10W 5%, 0603	OPT	0
34	2	RA1-,RA1+	RES., 15 OHMS, 1/16W, 5% 0402	VISHAY, CRCW040215R0JNED	550
35	2	RA2-,RA2+	RES., 1 OHMS, 1/16W, 5% 0402	VISHAY, CRCW04021R00JNED	550
36	7	RPG1#,RPG2#,RLED3,R1,R2,R6,R21	RES., 10k OHMS, 1/10W 5%, 0603	VISHAY, CRCW060310K0JNEA	1925
37	1	RD	RES., 100k OHMS, 1/4W 1%, 1206	VISHAY, CRCW1206100KFKEA	275
38	2	RRT,RDT	RES., 390k OHMS, 1/3W 0.1%, 1206	STACKPOLE, RNCF1206BTC390K	550
39	1	RF1	RES., 10 OHMS, 1/10W 5%, 0603	VISHAY, CRCW060310R0JNEA	275
40	0	RF2	RES., 0603	OPT	0
41	1	RG1	RES., 1k OHMS, 1/10W 5%, 0603	VISHAY, CRCW06031K00JNEA	275
42	1	RG2	RES., 150 OHMS, 1/10W 1%, 0603	VISHAY, CRCW0603150RFKEA	275
43	6	RIN1-RIN6	RES., 820 OHMS, 1/4W 5%, 1206	VISHAY, CRCW1206820RJNEA	1650
44	3	RLED1,RLED2,RLED4	RES., 47k OHMS, 1/10W 5%, 0603	VISHAY, CRCW060347K0JNEA	825
45	5	RUV3,RLED5-RLED8	RES., 200k OHMS, 1/4W 1%, 1206	VISHAY, CRCW1206200KFKEA	1375
46	3	RM1,RM2B,RM2A	RES., 10 OHMS, 1/16W, 5% 0402	VISHAY, CRCW040210R0JNED	825
47	0	RM2D,RM2C	RES., 10 OHMS, 1/16W, 5% 0402	OPT	0
48	1	ROT	RES., 1.4k OHMS, 1/10W 1%, 0603	VISHAY, CRCW06031K40FKEA	275
49	1	ROV2	RES., 523k OHMS, 1/4W 1%, 1206	VISHAY, CRCW1206523KFKEA	275
50	3	ROB,ROV1,RUV1	RES., 10k OHMS, 1/10W 1%, 0603	VISHAY, CRCW060310K0FKEA	825
51	1	RQLED	RES., 5.6k OHMS, 1/4W 5%, 1206	VISHAY, CRCW12065K60JNEA	275
52	1	RSNUB1	RES., PULSE PROOF, 100 OHMS, 1/4W 5%, 1206	VISHAY, CRCW1206100RJNEAHP	275
53	1	RS1	RES., SENSE, 0.005 OHMS, 1W, 1%, 1206	VISHAY, WSLP12065L000FEA	275
54	6	RS2F,RS2E,RS2D,RS2C,RS2B,RS2A	RES., SENSE, 0.002 OHMS, 1W, 1%, 1206	VISHAY, WSLP12062L000FEA	1650
55	0	RS2L,RS2K,RS2J,RS2I,RS2H,RS2G	RES., SENSE, 0.002 OHMS, 1W, 1%, 1206	OPT	0
56	1	RTHA	RES., NTC THERMISTOR, 100k OHMS, 3%, 0402	PANASONIC, ERTJ0EV104H	275
	0	RTHA (ALTERNATE)	RES., NTC THERMISTOR, 10k OHMS, 1/10W 1%, 0603	TDK, NTCG164BH103	0
57	1	RTHL	RES., 4.99k OHMS, 1/10W 1%, 0603	VISHAY, CRCW06034K99FKEA	275
	0	RTHL (ALTERNATE)	RES., 2k OHMS, 1/10W 1%, 0603	VISHAY, CRCW06032K00FKEA	0
58	1	RTHS	RES., 20k OHMS, 1/10W 1%, 0603	VISHAY, CRCW060320K0FKEA	275
	0	RTHS (ALTERNATE)	RES., 2k OHMS, 1/10W 1%, 0603	VISHAY, CRCW06032K00FKEA	0
59	1	RTHP	RES., 499k OHMS, 1/10W 1%, 0603	VISHAY, CRCW0603499KFKEA	275
	0	RTHP (ALTERNATE)	RES., 20k OHMS, 1/10W 1%, 0603	VISHAY, CRCW060320K0FKEA	0
60	3	RUV2,R22,R27	RES., 0, 1/10W, 0603	VISHAY, CRCW06030000Z0EA	825

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				NUMBER OF BOARDS =	275
61	1	RU3	RES., 1k OHMS, 1/8W 5%, 0805	VISHAY, CRCW08051K00JNEA	275
62	5	R10,R12,R14,R16,R26	RES., 1M OHMS, 1/8W 0.1%, 1206	STACKPOLE, RNCF1206BTC1M00	1375
63	9	R11,R13,R15,R17-R20,RDB,RRB	RES., 10k OHMS, 1/10W 0.1%, 0603	PANASONIC, ERA-3AEB103V	2475
64	3	R23,R24,R25	RES., 5.1k OHMS, 1/10W 5%, 0603	VISHAY, CRCW06035K10JNEA	825
65	1	U1	IC., HOT SWAP CONTROLLER, QFN44UHG-5X8	LINEAR TECH., LTC4284IUHG	275
66	2	U2,U3	IC., DUAL-CH PHOTOTRANSISTOR OPTO., SO8	FAIRCHILD, MOCD217M	550
67	1	U4	IC., SERIAL EEPROM, TSSOP8	MICROCHIP, 24LC024-I/ST	275
68	4	MH1-MH4	STAND-OFF, NYLON, 0.5"	Wurth Elektronik, 702935000	1100
69	4	JP2,JP3 (FLOAT),JP4 (RTN),JP6 (1)	CONN., SHUNT, FEMALE, 2 POS, 2mm	Wurth Elektronik, 60800213421	1100
70	1	JP7(VEE)	CONN., SHUNT, FEMALE, 2 POS, 2.54mm	Wurth Elektronik, 60900213421	275
71	2		STENCILS FOR BOTH SIDES	DC2470A-3	2