

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	275
1	3	C1,C2,C3	CAP., Electrolytic, 68uF 63V, C-PANA-F-8X10.2	PANASONIC, EEE-FK1J680UP	825
2	2	C4,C15	CAP., 1uF, X5R, 50V, 10%, 0603	MURATA, GRT188R61H105KE13D	550
3	4	C5,C6,C8,C17	CAP., 0.1uF, X5R, 50V, 10%, 0603	AVX, 06035D104KAT2A	1100
4	3	C7,C9,C10	CAP., 10uF, X7R, 100V, 20%, 2220	AVX, 22201C106MAT2A	825
5	2	C11,C12	CAP., 0.047uF, X7R, 25V, 5%, 0603	AVX, 06033C473JAT2A	550
6	1	C13	CAP., 0.15uF, X7R, 25V, 10%, 0603	TDK, CGA3E2X7R1E154K080AA	275
7	1	C14	CAP., 0.022uF, X7R, 25V, 5%, 0603	AVX, 06033C223JAT2A	275
8	1	C16	CAP., 470pF, X7R, 25V, 10%, 0603	AVX, 06033C471KAT2A	275
9	2	D1,D2	DIODE,FAST SWITCHING,100V,150mW, 250mA,SOD523	DIODES INC., 1N4148WT-7	550
10	5	D3,D13,D14,D15,D16	LED, GREEN CLEAR, LED-WE-150141	WE, 150141VS73100	1375
11	0	D4,D6	DIODE, SWITCHING, SOD523 OPT	DIODES INC., 1N4148WT-7	0
12	0	D5	DIODE, ZENER, 12V 250MW, SOT23 OPT	ON SEMI., BZX84C12LT1G	0
13	2	D7,D8	DIODE, TVS, 3000W, SMC-DIODE	LITTELFUSE, SMDJ36A	550
14	2	D9,D10	DIODE, ZENER, 16V 150MW, SOD523	DIODES INC., DDZ9703T-7	550
15	1	D11	LED, AMBER CLEAR, LED-WE-150141	WE, 150141AS73100	275
16	2	D12,D17	LED, RED CLEAR, LED-WE-150141	WE, 150141RS73100	550
17	11	E1-E10,E23	TEST POINT, TURRET, 0.094", MTG. HOLE	MILL-MAX, 2501-2-00-80-00-00-07-0	3025
18	13	E11-E22,E24	TEST POINT, TURRET, 0.064"	MILL-MAX, 2308-2-00-80-00-00-07-0	3575
19	5	JP1-JP5	CONN., HDR, MALE, 1x3, 2mm, THT, STR	Wurth Elektronik, 62000311121	1375
20	6	J1-J6	CONN., BANANA JACK, FEMALE, THT, NON-INSULATED, SWAGE, 0.218"	KEYSTONE, 575-4	1650
21	0	Q1	XSTR, NPN, SOT23 OPT	ON SEMI., MMBT2222ALT1G	0
22	2	Q2,Q3	XSTR, NPN, 60V 0.5A, SOT23	ON SEMI., MMBTA05LT1G	550
23	2	Q4,Q7	MOSFET, N-CH, 100V, D2PAK	NEXPERIA, PSMN4R8-100BSE	550
24	2	Q5,Q6	MOSFET, N-CH, 40V, LFPK56	NEXPERIA, PSMN1R4-40YLD	550
25	1	Q8	XSTR.,NPN,300V,0.5A,SOT23	DIODES INC., MMBTA42-7-F	275
26	2	RS1,RS2	RES., SENSE, 0.0015 OHM, 1W, 1%, 2512	PANASONIC, ERJ-M1WTF1M5U	550
27	0	R1	RES., CHIP, 100K, 1/10W, 1% 0603	OPT	0
28	0	R2	RES., CHIP, 1K, 1/10W, 1% 0603	OPT	0
29	1	R3	RES., CHIP, 240, 1/10W, 1% 0603	VISHAY, CRCW0603240RFKEA	275
30	1	R4	RES., CHIP, 68K, 1/10W, 1% 0603	VISHAY, CRCW060368K0FKEA	275
31	2	R5,R6	RES., CHIP, 3, 1/10W, 1% 0603	VISHAY, CRCW06033R00FKEA	550
32	2	R7,R10	RES., CHIP, 0, 1/10W, 0603	VISHAY, CRCW06030000Z0EA	550
33	7	R8,R9,R36-R40	RES., CHIP, 499, 1/10W, 1% 0603	VISHAY, CRCW0603499RFKEA	1925

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				NUMBER OF BOARDS =	275
34	1	R11	RES., CHIP, 1.74M, 1/8W, 1%, 0805	VISHAY, CRCW08051M74FKEA	275
35	2	R12,R15	RES., CHIP, 845K, 1/8W, 1%, 0805	VISHAY, CRCW0805845KFKEA	550
36	2	R13,R14	RES., CHIP, 549K, 1/8W, 1%, 0805	VISHAY, CRCW0805549KFKEA	550
37	1	R16	RES., CHIP, 3.57M, 1/8W, 1%, 0805	VISHAY, CRCW08053M57FKEA	275
38	6	R17-R22	RES., CHIP, 49.9K, 1/8W, 1%, 0805	VISHAY, CRCW080549K9FKEA	1650
39	12	R23-R34	RES., CHIP, 100K, 1/10W, 1% 0603	VISHAY, CRCW0603100KFKEA	3300
40	1	R35	RES., CHIP, 4.99K, 1/10W, 1%, 0603	VISHAY, CRCW06034K99FKEA	275
41	1	U1	IC, DUAL-CH, QFN36UHE-5X6	ANALOG DEVICES, LTC4421IUHE	275
42	4	U2,U3,U4,U5	IC, BUFFERS OPEN DRAIN OUTPUT, TSOP6	NEXPERIA, 74LVC2G07GV	1100
43	5	SHUNTS ON JP1-JP5 PINS 1&2	SHUNT, 0.079" CENTER	SAMTEC, 2SN-BK-G	1375
44	2	STENCILS FOR TOP AND BOTTOM SIDES	STENCILS (TOP & BOTTOM)	STENCILS, DC2866A-2	2