

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				<b>NUMBER OF BOARDS =</b>	<b>225</b>
1	1	C2	CAP, ALUM. 10uF 20% 100V	SUN ELECTRONIC INDUSTRIES CORP., 100CE10BS	225
2	2	C4,C65	CAP, 0.1uF 10% 25V X7R 0603	AVX, 06033C104KAT2A	450
3	1	C16	CAP, 10uF 20% 16V TANT 3528	AVX, TAJB106M016RNJ	225
4	8	C17,C19,C28,C34,C40,C42,C49,C53	CAP, 1000pF 20% 2KV X7R 1808	AVX, 1808GC102MAT1A	1800
5	8	C20,C27,C31,C38,C45,C52,C56,C60	CAP, 0.01uF 10% 200V X7R 0805	AVX, 08052C103KAT2A	1800
6	4	C22,C36,C47,C58	CAP, 0.22uF 20% 100V X7R 1206	AVX, 12061C224MAT2A	900
7	1	C64	CAP, 1uF 10% 100V X7R 1206	AVX, 12061C105KAT2A	225
8	0	C66	CAP, 4.7uF 10% 100V X7R 1206	OPT	0
9	1	D1	DIODE, TVS, 400W, 58V, SMA-DIODE	LITTELFUSE, SMAJ58A	225
10	2	D2,D23	DIODE, TVS, 400W, 5.0V, SMA-DIODE	LITTELFUSE, SMAJ5.0A	450
11	2	D5,D7	LED, ORN, LED-ROHM-SML-01	ROHM, SML-012D8TT86	450
12	1	D6	LED, RED, LED-ROHM-SML-01	ROHM, SML-012V8TT86	225
13	8	D8-D11,D24-D27	DIODE, RECTIFIER, 100V, 1A, SMA-DIODE	VISHAY, S1B-E3/61T	1800
14	4	D12,D13,D14,D15	LED, GRN, LED-ROHM-SML-01	ROHM, SML-012P8TT86	900
15	1	D18	DIODE,TVS,1500W,58V,SMC-DIODE	DIODES INC., SMCJ58A-13-F	225
16	1	D19	DIODE, ZENER 39V 350MW, SOT23	DIODES INC., MMBZ5259B-7-F	225
17	0	D28 (OPT)	DIODE,TVS, 600W,64V,SMB-DIODE	DIODES INC., SMBJ64A-13-F	0
18	3	JP2,JP4,JP5	HEADER, 2MM SINGLE STR 3POS	SULLINS, NRPN031PAEN-RC	675
19	2	J1,J2	CONN, JACK, BANANA	KEYSTONE, 575-4	450
20	1	J4,J5	CONNECTOR, RJ45, 4 PORTS	STEWART, CONN., SS-718804S-A-NF	225
21	1	J6	CONN., 14 Pin, 2mm	MOLEX, 87831-1420	225
22	0	J7	HEADER, 16 PIN 2MM SMT	SAMTEC, TMM-108-02-L-D OPT	0
23	8	L1-L8	BEAD FERRITE, POWER 600 OHM 2A SMD	LAIRD TECH., MI1206K601R-10	1800
24	4	Q1,Q2,Q3,Q4	MOSFET, N-CH, 100V, LFPAK33	NXP SEMI., PSMN075-100MSE	900
25	4	Q9,Q10,Q11,Q12	MOSFET, P-CH, 30V (D-S), SOT23	VISHAY, Si2343CDS-T1-GE3	900
26	3	REP1,REP2,REP3	RES, 0603 5.1K OHMS 5% 1/10W	VISHAY, CRCW06035K10JNEA	675
27	6	RPW1,RL1,R8,R18,R21,R24	RES, 0603 300 OHMS 5% 1/10W	VISHAY, CRCW0603300RJNEA	1350
28	1	RPW2	RES, 1206 3.9K OHMS 5% 1/10W	VISHAY, CRCW12063K90JNEA	225
29	16	RS1D,RS1C,RS1B,RS1A,RS2D, RS2C,RS2B,RS2A,RS3D,RS3C, RS3B,RS3A,RS4D,RS4C,RS4B,RS4A	RES, 0603 1 OHMS 1% 1/10W	VISHAY, CRCW06031R00FKEA	3600
30	0	RX1-RX6,R9	RES, 0603	OPT	0

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				<b>NUMBER OF BOARDS =</b>	<b>225</b>
31	4	R6,R16,R19,R22	RES, 0603 1.1M OHMS 1% 1/10W	VISHAY, CRCW06031M10FKEA	900
32	4	R7,R17,R20,R23	RES, 0603 18M OHMS 5% 1/10W	KOA, RK73B1JTDD186J	900
33	2	R10,R11	RES, 0603 0 OHM	VISHAY, CRCW06030000Z0EA	450
34	16	R1P1,R1N1,R1P2,R1N2,R2P1, R2N1,R2P2,R2N2,R3P1,R3N1, R3P2,R3N2,R4P1,R4N1,R4P2,R4N2	RES, 0603 75 OHMS 5% 1/10W	VISHAY, CRCW060375R0JNEA	3600
35	2	R35,R36	RES, 0805 10 OHMS 5% 1/10W	VISHAY, CRCW080510R0JNEA	450
36	1	SW1	SWITCH, DIP EXT ACTUATOR 4-POSITION	TYCO / ALCOSWITCH, ADE0404	225
37	6	SW2,SW3,SW4,SW5,SW6,SW7	SWITCH, MOMENTARY	PANASONIC, EVQ-PE105K	1350
38	17	TP1-TP10,TP15-TP20,TP31	TESTPOINT, TURRET, .064"	MILL-MAX, 2308-2-00-80-00-00-07-0	3825
39	4	T1,T2,T3,T4	XFMR, POE PLUS ETHERNET MAGNETICS	COILCRAFT, ETH1-230LD	900
40	1	U1	IC, LTC4266CUHF, QUAD PSE CONTROLLER	LINEAR TECH., LTC4266CUHF	225
41	1	U3	IC, 24LC025, EEPROM	MICROCHIP, 24LC025-I/ST	225
42	3	JP2,JP4,JP5 pins 1&2	SHUNT, 2MM	SAMTEC, 2SN-BK-G	675
43	4	MH1-MH4	STAND-OFF,NYLON (SNAP ON), 0.625" TALL	KEYSTONE, 8834	900
44	1	FOR INVENTORY ONLY	CABLE ASSY., 8" STRIP	MMT PRECISION CORP., CA-2440	225
45	2		STENCILS FOR TOP AND BOTTOM SIDES	STENCIL 1366B-2	2