

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	325
1	2	C1,C2	CAP., CER., 33pF, C0G, 50V, 5%, 0402	MURATA, GRM1555C1H330JA01D	650
2	5	C3,C5,C7,C11,C12	CAP., CER., 0.1uF, X7R, 50V, 20%, 0402	TDK, C1005X7R1H104M050BB	1625
3	6	C4,C6,C8,C10,C13,C16	CAP., CER., 1uF, X5R, 35V, 10% 0402	TDK, C1005X5R1V105K050BC	1950
4	2	C9,C15	CAP., CER., 2.2uF, X5R, 35V, 10%, 0603	MURATA, GRM188R6YA225KA12D	650
5	1	C14	CAP., CER., 0.01uF, X7R, 50V, 10%, 0402	TDK, C1005X7R1H103K050BB	325
6	18	E1-E18	TEST POINT, TURRET, .064" MTG. HOLE	MILL-MAX, 2308-2-00-80-00-00-07-0	5850
7	5	JP1,JP3-JP6	CONN., HEADER, 1x3, 2mm	SULLINS, NRPN031PAEN-RC	1625
8	3	JP2,JP7,JP8	CONN., HEADER, 1x4, 2mm	SULLINS, NRPN041PAEN-RC	975
9	1	J1	CONN., SMA 50-OHM EDGE-LAUNCH	EMERSON, 142-0701-851	325
10	2	J2,J3	STUD, TESTPIN	PEM KFH-032-10	650
11	4	FOR J2 & J3	NUT, BRASS NUTS # 10-32	ANY, #10-32	1300
12	2	FOR J2 & J3	RING, LUG RING # 10	KEYSTONE, 8208	650
13	2	FOR J2 & J3	WASHER, #10, Tin Plated Brass	ANY, #10 EXT BZ TN	650
14	1	J4	CONN., 2X7, 2mm	MOLEX, 87831-1420	325
15	1	J5	CONN., RCPT, .100" 10POS SNGL GOLD	ADAM TECH., RS1-10-G-.561-A11596	325
16	2	J6,J7	CONN., RCPT, .100" 8POS SNGL GOLD	ADAM TECH., RS1-08-G-.561-A11596	650
17	1	J8	CONN., RCPT, .100" 6POS SNGL GOLD	ADAM TECH., RS1-06-G-.561-A11596	325
18	1	LED1	LED, RED, LED-ROHM-SML-01	ROHM, SML-012V8TT86	325
19	1	LED2	LED, GREEN, LED-ROHM-SML-01	ROHM, SML-012P8TT86	325
20	7	R1,R2,R6,R7,R16-R18	RES., 10k OHMS, 1/16W 1%, 0402	VISHAY, CRCW040210K0FKED	2275
21	4	R3,R4,R10,R12	RES., 330 OHMS, 1/16W 1%, 0402	VISHAY, CRCW0402330RFKED	1300
22	1	R5	RES., 49.9 OHMS, 1/16W 1%, 0402	VISHAY, CRCW040249R9FKED	325
23	2	R8,R11	RES., 22 OHMS, 1/16W 1%, 0402	VISHAY, CRCW040222R0FKED	650
24	4	R9,R13,R21,R22	RES., 0 OHM, 1/16W 5%, 0402	VISHAY, CRCW04020000Z0ED	1300
25	1	R14	RES., 100k OHMS, 1/16W 1%, 0402	VISHAY, CRCW0402100KFKED	325
26	1	R15	RES., 35.7k OHMS, 1/16W 1%, 0402	VISHAY, CRCW040235K7FKED	325
27	0	R19,R20	RES., 0402	OPT	0
28	1	SW1	SWITCH, DIP 1POS EXT ACT SMD 24V	Omron Electronics Inc., A6SN-1104	325
29	1	U1	IC., I2C/SPI Power Energy Meter, QFN32UFE-4X6	LINEAR TECH., LTC2947IUFE	325
30	1	U2	I.C., LINEAR REG - ADJ.OUT 1.22V-20V, TSOT23-5	LINEAR TECH., LT1761IS5-BYP	325
31	1	U3	I.C., EEPROM 2KBIT 400KHz, TSSOP8	MICROCHIP, 24LC025-I /ST	325
32	1	Y1	CRYSTAL, 4MHz, 30ppm, 18pF 180 Ohm, HC49/US, Y-ABLS2	ABRACON, ABL52-4.000MHZ-D4Y-T	325
33	8	SHUNTS ON JP1-JP8 PINS 1&2	SHUNT, 2MM	SAMTEC, 2SN-BK-G	2600
31	4	MH1-MH4	STANDOFF, SNAP ON, 5/8" TALL	KEYSTONE, 8834	1300
32	2		STENCILS, TOP AND BOTTOM	STENCIL, DC2334A-2	2