

Item	Qty	Reference	Part Description	Manufacturer / Part #	Kit Qty
				NUMBER OF BOARDS =	270
1	4	C1,C7,C10,C17	CAP., 0.1uF, X5R, 16V, 10%, 0603	MURATA, GRM188R61C104KA01D	1080
2	7	C2,C11-C16	CAP., 2.2uF, X5R, 10V, 10%, 0603	MURATA, GRM188R61A225KE34D	1890
3	2	C3,C4	CAP., 0.01uF, X7R, 10V, 10%, 0603	AVX, 0603ZC103KAT2A	540
4	2	C5,C9	CAP., 10uF, X5R, 16V, 10%, 0805	MURATA, GRM21BR61C106KE15L	540
5	1	C6	CAP., 22uF, X5R, 25V, 20%, 0805	MURATA, GRM21BR61E226ME44K	270
6	1	C8	CAP., 1uF, X5R, 16V, 10%, 0603	MURATA, GRM188R61C105KA93D	270
7	1	D1	DIODE, Schottky, SOT23	VISHAY, BAS70-05-E3-08	270
8	34	E1-E34	TEST POINT, TURRET, .094" MTG. HOLE	MILL-MAX, 2501-2-00-80-00-00-07-0	9180
9	3	JP1,JP2,JP3	CONN., HEADER, 1x4, 2mm	SULLINS, NRPN041PAEN-RC	810
10	2	JP4,JP5	CONN., HEADER, 1x3, 2mm	SULLINS, NRPN031PAEN-RC	540
11	1	J1	CONN., HEADER, 2x10, .100", R/A	MILL-MAX, 802-40-020-20-001000	270
12	1	J2	CONN., SOCKET, 2x10, .100", R/A	MILL-MAX, 803-93-020-20-001000	270
13	1	J3	CONN., HEADER, 2x6, 2mm, STR DL PCB	FCI, 98414-G06-12ULF	270
14	1	J4	CONN., SOCKET, 2x27, .100", R/A	SULLINS, PPTC272LJBN-RC	270
15	1	J5	CONN., POWER JACK, 2.1mm	CUI INC., PJ-002AH	270
16	0	J6	CONN., SOCKET, 2x27, .100", R/A	OPT	0
17	2	LED1,LED3	LED, RED, 0603	PANASONIC, LNJ237W82RA	540
18	1	LED2	LED, AMBER, 0603	PANASONIC, LNJ426W83RA	270
19	15	LED4-LED18	LED, GREEN, 0603	PANASONIC, LNJ326W83RA	4050
20	7	Q1-Q7	XSTR., MOSFET, N-CH, SOT523	DIODES INC., DMG1012T-7	1890
21	6	Q8-Q13	XSTR., NPN, SOT23	FAIRCHILD, MMBT3904	
22	19	R1-R4,R6,R8,R10,R12,R14,R16,R18, R23,R29,R39,R40,R45,R46,R53,R54	RES., 3.01k, 1/10W 1%, 0402	VISHAY, CRCW04023K01FKED	5130
23	20	R5,R7,R9,R11,R13,R15,R17,R19, R21,R22,R24-R26,R30,R59-R64	RES., 100k, 1/16W 1%, 0402	VISHAY, CRCW0402100KFKED	5400 0
24	1	R20	RES., 374k, 1/16W 1%, 0402	VISHAY, CRCW0402374KFKED	
25	11	R27,R28,R32,R37,R38,R41, R42,R47,R48,R55,R56	RES., 10k, 1/16W 1%, 0402	VISHAY, CRCW040210K0FKED	2970 0
26	1	R31	RES., 46.4k, 1/16W 1%, 0402	VISHAY, CRCW040246K4FKED	270
27	1	R33	RES., 9.31k, 1/16W 1%, 0402	VISHAY, CRCW04029K31FKED	270
28	1	R34	RES., 249, 1/16W 1%, 0402	VISHAY, CRCW0402249RFKED	270
29	1	R35	RES., 1k, 1/16W 1%, 0402	VISHAY, CRCW04021K00FKED	270
30	6	R43,R44,R50,R52,R57,R58	RES., 200k, 1/16W 1%, 0402	VISHAY, CRCW0402200KFKED	1620
31	1	R49	RES., 1.37M, 1/16W 1%, 0402	VISHAY, CRCW04021M37FKED	270
32	1	R51	RES., 590k, 1/16W 1%, 0402	VISHAY, CRCW0402590KFKED	270
33	1	SW1	SWITCH, Push Button, SW-PTS635-25	C&K Components, PTS635SK25SMTR LFS	270

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34	1	SW2	SWITCH, Push Button, SW-PTS635-25	C&K Components, PTS635SL25SMTR LFS	270
35	1	SW3	CONN, SUB MINIATURE SLIDE SWITCHES	C&K.,JS202011CQN	270
36	1	U1	I.C, LTC2937IUHE, QFN28UHE-5X6	LINEAR TECH., LTC2937IUHE	270
37	2	U2,U3	I.C., DUAL BUFFERS, TSOP-6	NXP, 74LVC2G07GV,125	540
38	1	U4	I.C., PUSH BUTTON, DFN8DDB-3X2	LINEAR TECH., LTC2954IDDB-2	270
39	1	U5	I.C., LINEAR REG - 5V, TSOT23-5	LINEAR TECH., LT1761ES5-5	270
40	1	U6	I.C., DIODE OR, MSE16	LINEAR TECH., LTC4415IMSE	270
41	3	U7,U8,U9	I.C ANALOG SWITCH, SO16	LINEAR TECH, LTC222CS	810
42	1	U10	I.C SERIAL EEPROM, TSSOP8	MICROCHIP, 24AA02-I /ST	270
43	1	U11	I.C, LINEAR REG., DFN6DC-2X2	LINEAR TECH., LT3008IDC-3.3	270
44	1	U12	I.C, LINEAR REG., DFN6DC-2X2	LINEAR TECH., LT3008IDC-2.5	270
45	1	U13	I.C, LINEAR REG., DFN6DC-2X2	LINEAR TECH., LT3008IDC	270
46	1	U14	I.C, LINEAR REG., DFN6DC-2X2	LINEAR TECH., LT3008IDC-1.8	270
47	1	U15	I.C, LINEAR REG., DFN6DC-2X2	LINEAR TECH., LT3008IDC-1.5	1350
48	1	U16	I.C, LINEAR REG., DFN6DC-2X2	LINEAR TECH., LT3008IDC-1.2	1080
49	5	SHUNTS ON JP1-JP5 PINS 1&2	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G	1350
50	4	MH1-MH4	STANDOFF, SNAP ON, 1/4"	KEYSTONE, 8831	1080
51	2		STENCILS, TOP AND BOTTOM	STENCIL, DC2313A-3	2