

Item	Qty	Reference	Part Description	Manufacturer / Part #
1	8	C2,C5,C6,C7,C8,C9,C10,C14	Cap., X7R 0.1uF 50V	Taiyo Yuden UMK212BJ104MG 0805
2	3	C4,C11,C15	Cap., X5R 1uF 16V	Taiyo Yuden EMK212BJ105MG 0805
3	1	C13	Cap., X7R 2.2uF 16V	Taiyo Yuden EMK212BJ225MG 0805
4	1	C12	Cap., X7R 10uF 6.3V	Taiyo Yuden JMK316BJ106ML 1206
5	2	C1,C3	Cap., X7R 22uF 6.3V	Taiyo Yuden JMK316BJ226ML 1206
6	7	TP1-TP7	TURRET, TEST PIN, .061"	MILL-MAX 2308-2-00-44
7	12	TP8-TP19	TURRET, TEST PIN, .095"	MILL-MAX 2501-2
8	2	L1,L2	INDUCTOR, 10uH	MURATA, LQH32CN100K23
9	2	LED1,LED2	LED, 2DIGITS .028"	LITE-ON ELECTRONICS, LTD-2701G
10	3	D1,D2,D4	LED, SMT GREEN	PANASONIC, LN1351C
11	3	D5,C16,C17 (install diodes into C16,C17)	DIODE, SMT SCHOKY PWR RECTIFIER	ON SEMI., MBR0520LT1 SOD-123
12	1	D3	DIODE, DUAL SWITCHING	ON SEMI., BAV74LT1
13	2	J3,J4	HEADER, Vertical Dual 2X7 .079CC	MOLEX, 87831-1420
14	1	J5	HEADER, 3X2 .079CC	COMM-CON, 2202S-06G2
15	1	J2	HEADER, 3X3 .079CC	COMM-CON, 2502S-09G2
16	1	J6	HEADER, 2X2 .079CC	COMM-CON, 2202S-04G2
17	3	J1	SHUNT, 2X1 .100CC	SAMTEC JL-100-25-T
18	1	J2	SHUNT, 3X2 .079CC	COMM-CON MIJ2MM-03G
19	1	J6	SHUNT, 2X1 .079CC	COMM-CON, CCIJ2MM-138GW
20	4	Q1-Q4	TRANS, NPN, MMBT3904	DIODES INC., MMBT3904-7
21	11	R1,R5-R9,R11,R13,R14,R16,R19	RES., CHIP, 604 1/10W 1%	PANASONIC ERJ-6ENF6040V
22	5	R21,R22,R23,R24,R26	RES., CHIP, 3.24K 1/16W 1%	Vishay, CRCW06033K24FKTA 0603
23	1	R15	RES., CHIP, 1K 1/16W 5%	AAC, CR16-102JM 0603
24	1	R17	RES., CHIP, 10K 1/16W 5%	AAC, CR16-103JM 0603
25	1	R32	RES., CHIP, 11K 1/16W 5%	AAC, CR16-113JM 0603
26	1	R31	RES., CHIP, 42.2K 1/16W 1%	AAC, CR16-4222FM 0603
27	3	R2,R3,R4	RES., CHIP, 51K 1/16W 5%	AAC, CR16-513JM 0603
28	1	R27	RES., CHIP, 82.5K 1/16W 1%	AAC, CR16-8252FM 0603
29	5	R12,R18,R20,R30,R33	RES., CHIP, 100K 1/16W 5%	VISHAY, CRCW0603104J 0603
30	1	R29	RES., CHIP, 232K 1/16W 1%	AAC, CR16-2323FM 0603
31	1	R25	RES., CHIP, 243K 1/16W 1%	AAC, CR16-2433FM 0603
32	1	R28	RES., CHIP, 909K 1/16W 1%	AAC, CR16-9093FM 0603
33	1	SW1	SW, ULTRA-MINIATURE SLIDES	NKK, SS12SDP2
34	1	SW3	SW, ULTRA-MINIATURE SLIDES	NKK, SS12SDP4
35	1	SW2	SW, ULTRA-MINIATURE SLIDES	NKK, SS22SDP2
36	5	SW4-SW8	SW, LIGHT TOUCH SWITCHES	PANASONIC, EVQPPDA25
37	1	U2	I.C., Dual Programmable Gain Amplifiers	LINEAR, LTC6912CGN-1
38	1	U7	I.C., LT1930ES5	LINEAR, LT1930ES5

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39	2	U1,U4	I.C., TinyLogic UHS Triple Buffer	FAIRCHILD, NC7NZ17K8X
40	2	U3,U8	I.C., TinyLogic UHS Dual Buffer	FAIRCHILD, NC7WZ17P6X
41	1	U5	I.C., Precision Wide Bandwidth Analog Switch	PERICOM, PI5A383AW
42	1	U6	IC., 8-BIT MICROCONTROLLER, SSOP28	MICROCHIP, PIC16F873A-I/SS
43	1	Y1	RESONATOR, CERAMIC, 4MHZ	MURATA, CSTCR4M00G53-R0
44	4	(PCB 4 CORNERS)	STAND-OFF, NYLON 4-40 X 1/2	MICRO PLASTICS 14HTSP-003
45	4	(PCB 4 CORNERS)	HWD SCREW, 4-40 1/4"	ANY
46	1		CABLE ASSY., 4" STRIP	LINEAR RIBBON CABLE CA-2441