

ITEM	Ref	Value	QTY	Description
1	PL4	9WAYPLH	1	JST 9WAY PLUG HORIZONTAL
2	PL1	6WAYPL	1	JST 6WAY PLUG VERTICAL
3	PL2	7WAYPL	1	JST 7WAY PLUG VERTICAL
4	PL3	3WAYPL	1	JST 3WAY PLUG VERTICAL
5	PL5	5WAYPL	1	JST 5WAY PLUG VERTICAL
6				
7	SW1	SPNO	1	SMD KEYBOARD SWITCH
8	B1	3-16V DC	1	PIEZO AUDIO INDICATOR
9				
10	C1,C3	10uf16V	2	SMD TANT CAP (CASE CODE B)
11	C2	100uf10V	1	CAP RUBYCON MH7 (H7, DIA 6.3)
12	C4,C5	33pF100V	2	CAP NPO SM 0805
13	C6,C7,C9	100nF 16V	3	CAP X7R SM 0805
14	C8	22nF 16V	1	CAP X7R SM 0805
15				
16	D1,D2	BAV70LT1	2	DUAL HIGH SPEED SW
17	D3,D4	BAT54	2	LOW POWER SCHOTTKY SOT-23
18	D5	1N5817	1	SCHOTTKY
19				
20	TR1,TR2,TR3,TR4	DTD113ZK	4	SM DIGITAL TRANS NPN TYPE 3
21				
22	TR5,TR6,TR7,TR8	MMUN2211LT1	4	LOW POWER DIGITAL TRANS NPN
23				
24	TR9,TR10,TR11	MMUN2115LT1	3	LOW POWER DIGITAL TRANS PNP
25				
26	TR12,TR13,TR14	MMUN2213LT1	6	LOW POWER DIGITAL TRANS NPN
	TR15,TR16,TR17			
27				
28	IC1	PIC 16LF873	1	SM 28 PIN 8BIT CMOS MCU
29	IC2	PIC12C672	1	SM 8BIT CMOS MCU WITH ADC
30	IC3	MAX667	1	SM +3.5to+16.5V ADJ V REG
31	IC4	LP2980	1	SM SOT 50ma LOW DROP OUT REG
32	IC5	BA6218	1	POWER CONTROLLER
33	IC6	TLC271CD	1	SM SINGLE CMOS OP AMP
34	IC7	AA004-02	1	AA004-02
35	IC8	BIM3-914-64	1	UHF RADIO DATA TRANSCEIVER
36	VREF1	ZRC250	1	SM VOLTAGE REF 2.5V
37				
38	R1,R2,R3,R4	33R	4	0.1W 1%THICK FILM SM 0805
39	R22,R23	100R	2	0.1W 1%THICK FILM SM 0805
40	R29	3K3	1	0.1W 1%THICK FILM SM 0805
41	R28	4K7	1	0.1W 1%THICK FILM SM 0805
42	R5,R6,R24,R33	10K	4	0.1W 1%THICK FILM SM 0805
43	R31,R32	22K	2	0.1W 1%THICK FILM SM 0805
44	R13,R14,R15	47K	3	0.1W 1%THICK FILM SM 0805
45	R16,R17	62K	2	0.1W 1%THICK FILM SM 0805
46	R27	100K	1	0.1W 1%THICK FILM SM 0805
47	R10	620K	1	0.1W 1%THICK FILM SM 0805
48	R8	680K	1	0.1W 1%THICK FILM SM 0805
49	R9,R12,R18,R19	1M0	4	0.1W 1%THICK FILM SM 0805
50	R7,R11	2M7	2	0.1W 5%THICK FILM SM 0805
51				
52	RES1	CSA4.00MG	1	4.00 MHz RESONATOR
53	V1,V2	VFR303	2	VARISTOR 3 TERMINAL
54				
55				
56	ANT WIRE		1	7/0.2 WIRE BLACK 15.5 cm Long

Part Number
JST S 9B-PH-K
JST B-6B-PH-K
JST B-7B-PH-K
JST B-3B-PH-K
JST B-5B-PH-K
OMRON BS3N-3112
SOUNDTECH SEP-2242(3-16VDC)
MULTICOMP MCCTB106M016
RUBYCON 10MH7100M6371
MULTILAYER CERAMIC NPO 50V 0805
NICKEL BARRIER X7R 16V 0805
NICKEL BARRIER X7R 16V 0805
MOTOROLA BAV70LT1 SM SOT-23
PHILIPS BAT54 FARNELL 437-578
1N5817
RHOM DTD113ZK
FARNELL 473-583
FARNELL 473-686
FARNELL 473-601
MICROCHIP PIC16LF873-04SO
MICROCHIP PIC12C672-04SM
MAXIM MAX667CSA
NATIONAL SEM LP2980
ROHM BA6218 FREE ISSUE
TLC271CD
NVE AA004-02
RADIOMETRIX BIM3-914-64 FREE ISSUE
ZET ZRC250F01
MULTICOMP1% 0.1W SM 0805
MULTICOMP1% 0.1W SM 0805
MULTICOMP1% 0.1W SM 0805
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MULTICOMP1% 0.1W SM 0805
MULTICOMP5% 0.1W SM 0805
MURATA CSA4.00MG FARNELL 295-267
MURATA VFR303-351AY25-50
FARNELL 581-197