

PAL][+**BOM**

R1	1	200K	RESISTOR
R2	1	20K	RESISTOR
R3,R7,R9,R10	4	2K	RESISTOR
R4	1	200	RESISTOR
R5	1	5.1	RESISTOR
R6	1	10	RESISTOR
R8,R15,R21	3	1M	RESISTOR
R11,R24	2	10K	RESISTOR
R12	1	22K	RESISTOR
R13	1	180	RESISTOR
R14,R22	2	100K	RESISTOR
R16	1	100	RESISTOR
R17	1	300	RESISTOR
R18	1	39K	RESISTOR
R19	1	1K	RESISTOR
R20	1	820K	RESISTOR
R23	1	UNUSED	RESISTOR
P1	1	500	POT
RFC	1	100uh	AXIAL CHOKE
C3,C4,C13	3	0.1	CAPACITOR
C5	1	680pf	CAPACITOR
C6	1	150pf	CAPACITOR
C7,C12	2	.001uf	CAPACITOR
C8,C10	2	56pf	CAPACITOR
C9	1	1.0uf	CAPACITOR
C11	1	470pf	CAPACITOR
C14	1	10uf	CAPACITOR
C15	1	47pf	CAPACITOR
C16	1	.01uf	CAPACITOR
C17	1	22pf	CAPACITOR

x-50	1	9-50pf	CAPACITOR
C1,C2	2	UNUSED	CAPACITOR
D1,D2,D4	3	1N4148	DIODE
D3	1	1N6263	DIODE
Q1	1	78L05	VOLTAGE REGULATOR
Q3,Q6	2	MPF102	FET
Q4	1	2N4403	TRANSISTOR
Q5	1	2N2222A	TRANSISTOR
Q7	1	2N7000	FET
Q2	1	UNUSED	
J1	1	26PIN female HDR	HEADER
J1	3	2X1X.1" male long pins	LONG PIN HEADER
-5+,-9v+,DL,PB	1	2X1X.1" female	HEADER
DL	1	3X1X.1" male	HEADER
DL	1	3X1X.1"female	HEADER
X1/X2	1	1X2X.1" JUMPER	HEADER
xx	10	header PINS	MOLEX TERMINALS
X1,X2	2	3 PIN sip socket	
U1	1	8pin DIP socket	8PIN IC SOCKET
U2	1	16pin DIP socket	16PIN IC SOCKET
U1	1	08M2+	PICAXE 08-M MICRO
U2	1	74HC4020	74HC4020
X1,X2	2	CRYSTALS	
SW1,SW2	2	TACT NO PB SWITCH	TACT NO PB SWITCH
9V	1	9V BATTERY CLIP	9V BATTERY CLIP
PIEZO	1	PIEZO SPEAKER	PIEZO SPEAKER
	1	PCB	
	1	LABEL	
		TIN	
		ALLIGATOR CLIPS	