



PARTLIST

NOTE!

LED1 polarity (short leg/flat side -)
ICs and sockets (notch top)
Capacitors polarity C6, C7, C8 (short leg -)
Resistors no polarity (any direction)

IC1 ATMEGA328 (notch top)
DIL28 Socket (notch top)
IC2 TL072 (notch top)
DIL8 Socket (notch top)
IC3 78L05A (5 volt. reg.)

Q1 16k Low profile crystal

C1 22 pF (x2) (beige 220)
C2 22 pF (beige 220)
C3 0.1 uF (x2) (beige 104)
C4 10 uF (x2) polarity (short leg -)
C5 10 uF polarity (short leg -)
C6 47 uF polarity (short leg -)
C7 100 uF polarity (short leg -)
C8 0.1 uF (beige 104)

R1 10k (x6) (br/blk/blk/red/br)
R2 1M (x2) (br/blk/blk/yel/br)
R3 1M
R4 10k
R5 10k
R6 1k (x4) (br/blk/blk/br/br)
R7 10k
R8 10k
R9 10k
R10 1k
R11 1k
R12 100k (br/blk/blk/org/br)
R13 1k

M1 Microphone capsule

JACK 3.5mm

BAT SCREWTERMINAL

LED1 LED3MM polarity (short leg -)

S1 SWITCH ON/OFF

T1 TACTILE-PTH

J1 Jumper 1 (header)

Battery clip

Feet (x6)

Closed jumper (black)

--

NOTE! 57mm_v1 (Hamburg and Soho Radio), jumper wire is needed R7 (top pad) – TL072 pin 3; and F touch electrode is the polygon below.

More info and documentation:
www.dirtyelectronics.org