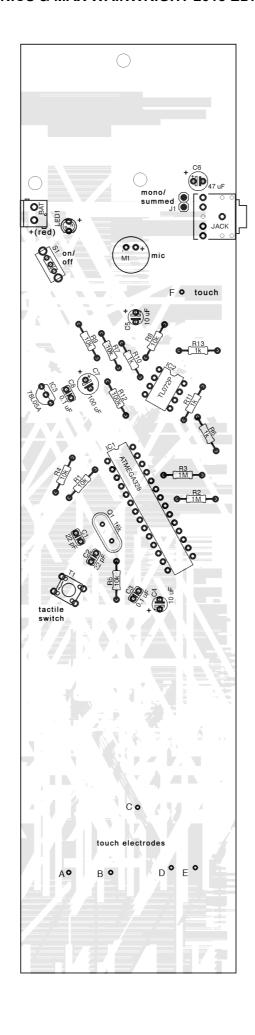
57MM - DIRTY ELECTRONICS & MAX WAINWRIGHT 2018 ED. 2



PARTLIST

NOTE!

R12

R13

1k

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 -) **0.1 uF** (beige 104) C8 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

100k (br/blk/blk/org/br)

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)

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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