GAPS gambar pisibi-mu sendiri

GAPS - Peepsy: Version 0.4 - Components / Footprints
Scaled 300%

OPEN SOURCE COCONUTS

Center for Alternative Coconut Research

Bat

Buzzer

ATINY85

R1 R2 C1 D1 LED

101 102 103

Center for Alternative Coconut Research

Probe Probe
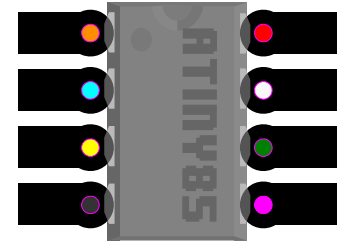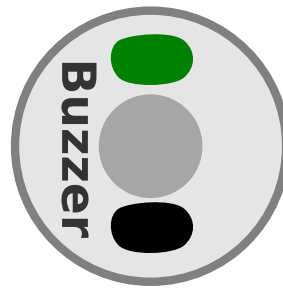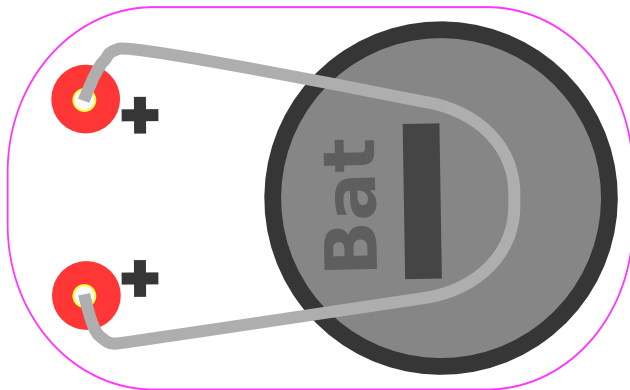
GAPS gambar pisibi-mu sendiri

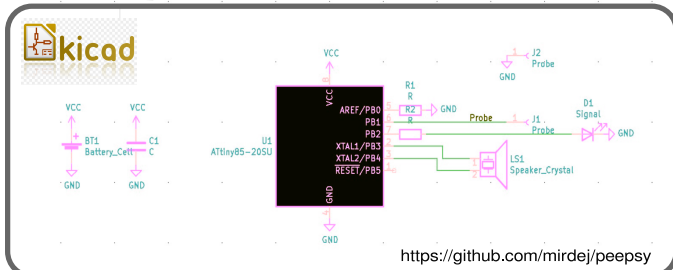GAPS - Peepsy: Version 0.4 - Schematic

open source coconuts

Small Parts (1206)
R1: 22K Ω, 223 (sensing)
R2: 220 Ω - 1k Ω, 102 (LED current limiter)
C1: 100nF , 104 (Voltage stabilization)
D1: Indicator LED (3825)

D1
Indicator LED
GND

1K R2
PB2

Vcc

(+) Battery -> Vcc
(-) Battery -> GND
GND

100nF C1
GND

Vcc

PB1
PB0 R1
100
Probe
Probe

ATINY85

Reset

PB3 PB4

Buzzer

GND GND

WE BELIEVE IN OPEN SCIENCE HARDWARE FOR ALL

Regional Open Science Hardware & Art, Indonesia

Gathering for Open Science Hardware
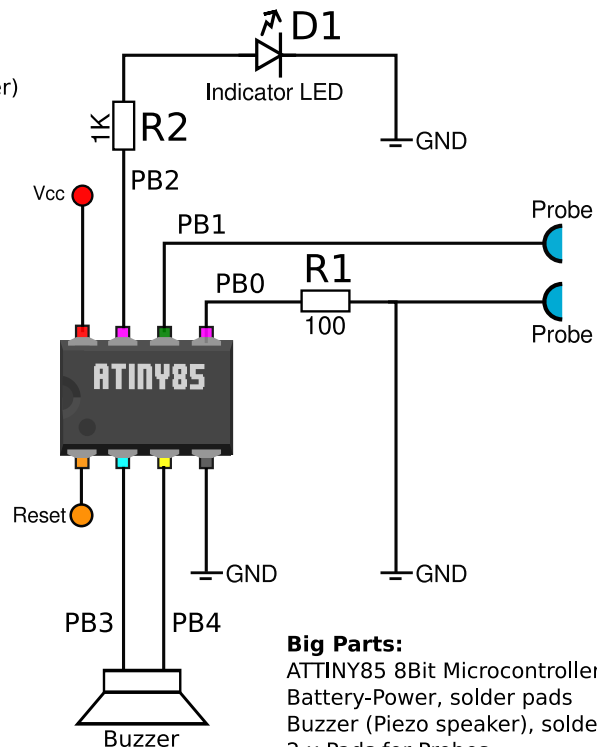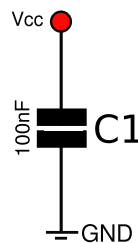
Big Parts:
ATTINY85 8Bit Microcontroller (SO-8W)
Battery-Power, solder pads
Buzzer (Piezo speaker), solder pads
2 x Pads for Probes

kicad

VCC
VCC
J2 Probe
GND
R1 R
VCC   VCC   R2 R
BT1   C1   Probe   J1   D1
Battery_Cell   C   AREF/PB0   Probe   Signal
PB1
PB2
XTAL1/PB3
XTAL2/PB4   GND
GND   GND   U1   RESET/PB5
ATtiny85-20SU
LS1
Speaker_Crystal
GND

https://github.com/mirdej/peepsy

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