Microcontroller

U1
ATtiny13A

PB5
PB3
PB4

1 PB5   VCC 8
2 PB3   PB2 7
3 PB4   PB1 6
4 GND   PB0 5

VCC

PB2
PB1
PB0

GND

VCC   VCC   VCC

C1   C2   R1
100n   47u   10k

GND   GND

PB5

ICSP Header (optional)

H1
ICSP

VCC

PB1   1   2
PB2   3   4   PB0
PB5   5   6

GND

IR Receiver

U3
TSOP4838

VCC

R2
10R

V+
OUT   PB3
GND

C3
100n

GND GND

OLED Display

OLED
OLED 0.91

VCC

PB2   4 SDA
PB1   3 SCK
       2 VCC
       1 GND

OLED

GND

Power Supply

VCC

B1
CR1220

KEY1
MSK-11027

1   2
3

GND

open source
hardware
CC-BY-SA

TITLE:
TinyDecoder IR

REV: 1.0

Company: wagiminator

Sheet: 1/1

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EasyEDA