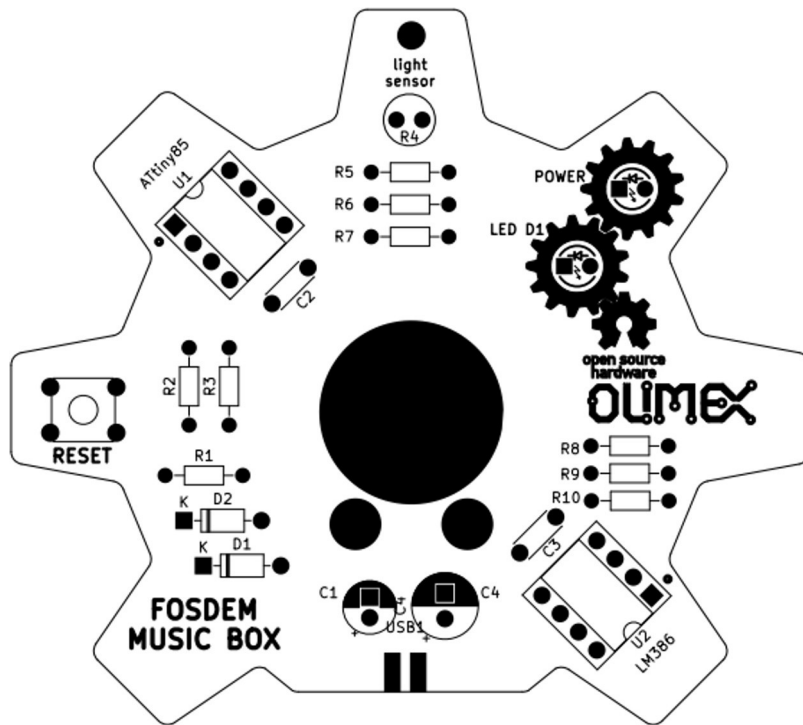


## FOSDEM MUSIC BOX – Assembly cheatsheet



### 1. Resistors:

R2, R3, R8	22R	1/8W 5%	RED-RED-BLACK-GOLD
R1, R6, R7	1.5K	1/8W 5%	BROWN-GREEN-RED-GOLD
R5, R9, R10	10K	1/8W 5%	BROWN-BLACK-ORANGE-GOLD

### 2. Diodes

D1, D2	1N4148	Warning! Polarity mark is black stripe.
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### 3. IC Sockets

U1	ATTiny85	Warning! Polarity watch the orientation mark.
U2	LM386	Warning! Polarity watch the orientation mark.

The first pin is marked with square pad!

### 4. Button

RESET      press to PCB

### 5. Speaker

VERY CAREFUL DO NOT OVERHEAT!

NO more than 3 seconds soldering on pad or you will destroy the speaker.

6. USB Connector      big metal shield pins soldering on bottom!

### 7. Capacitors

C2, C3	100 nF X5R 50VDC	
C1	10 uF 50VDC	insert long pin into circle pad
C4	220 uF 16VDC	insert long pin into circle pad

### 8. Leds

LED D1	RED	insert long pin into circle pad
POWER	GREEN(clear)	insert long pin into circle pad

### 9. Light Sensor

R4	10K LDR
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