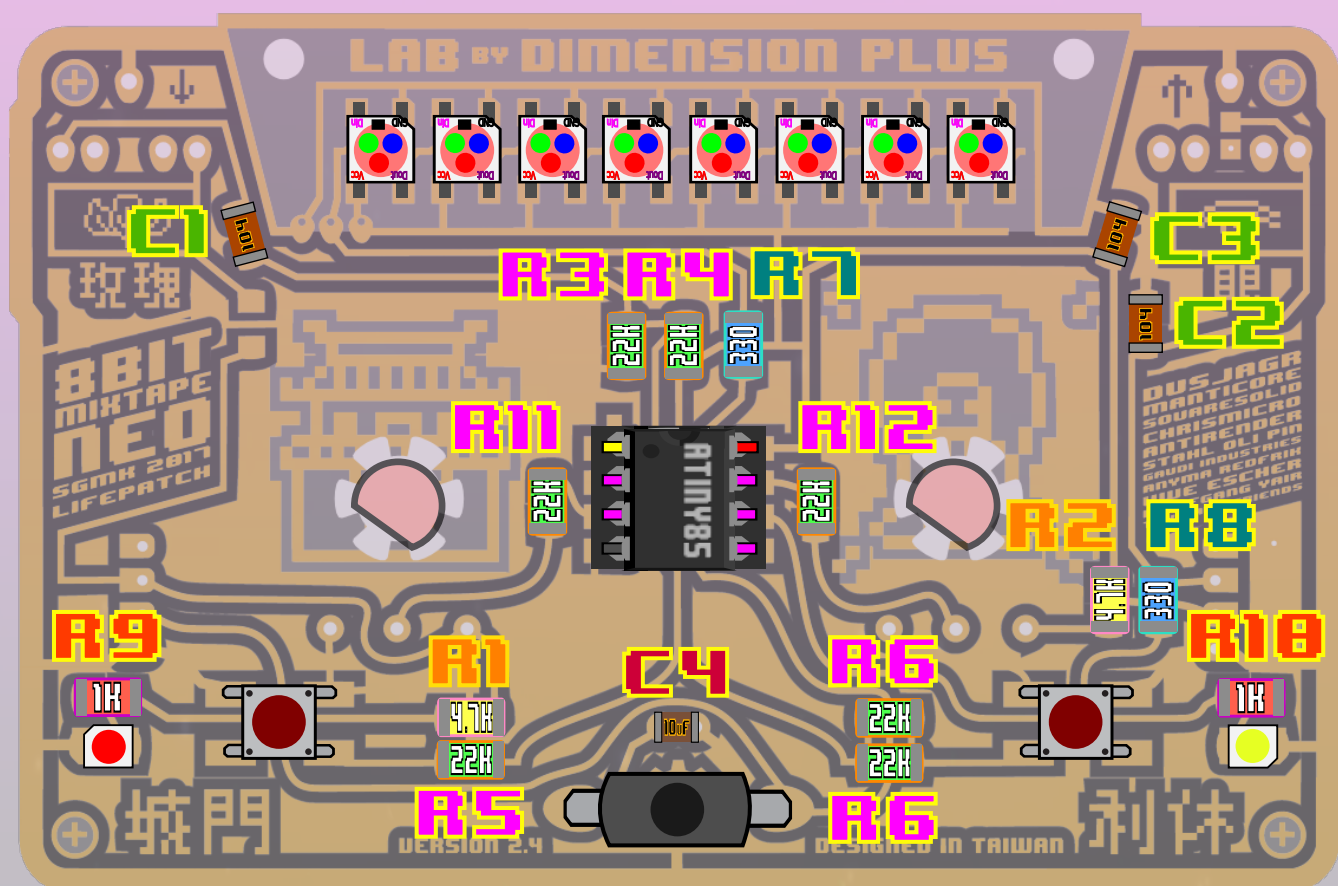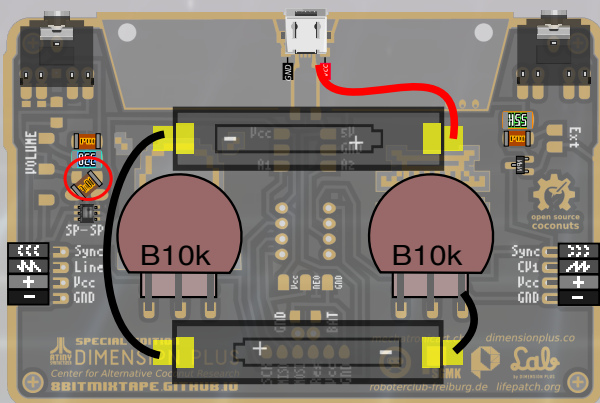# 8BIT MIXTAPE NEO

PARTS PLACEMENT - COMPLETE

On the Frontside

- 3 x 100 nF **C1, C2, C3**
- 7 x 22 kOhm **R3, R4, R5. 2xR6, R11, R12.**
- 2 x 4.7 kOhm **R1, R2**
- 2 x 330 Ohm **R7, R8**
- 2 x 1 kOhm LED brightness **R9, R10**
- 2 x LED (power and output) **DIRECTION !!!**
- 8 x NEO-Pixel (5050 SK6812) **DIRECTION !!!**
- 1 x ON/OFF Switch (bend and cut legs short)
- 2 x Push Button (bend and cut legs short)
- 1 x IC-Socket DIL-Package **DIRECTION !!!**
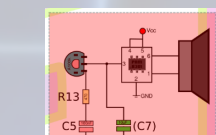- 1 x ATTINY85 DIL-Package **DIRECTION !!!**
- 1 x 10 µF **C4**

On the Backside

- 2 x AudioJack 3.5mm switched
- 2 x 10 kOhm lin Potentiometer
- 2 x Connector Header 4pos (female)

Optional on the Backside

- 1 x 50 kOhm log Wheel-Potentiometer
- 1 x ISP-Prog Header 6pos (female)
- 1 x micro-USB (just power)
- 1 x NPN 2N7002 (Mosfet for Ext In)
- 1 x 100 nF (C6)
- 1 x 22 kOhm (R14)
- 2 x Battery Holder AAA)
- 1 x PAM8301 (Amplifier chip)
- 1 x 100 nF (C5)
- 1 x 10 µF (C7)
- 1 x 330 Ohm (R13)
- something confusing