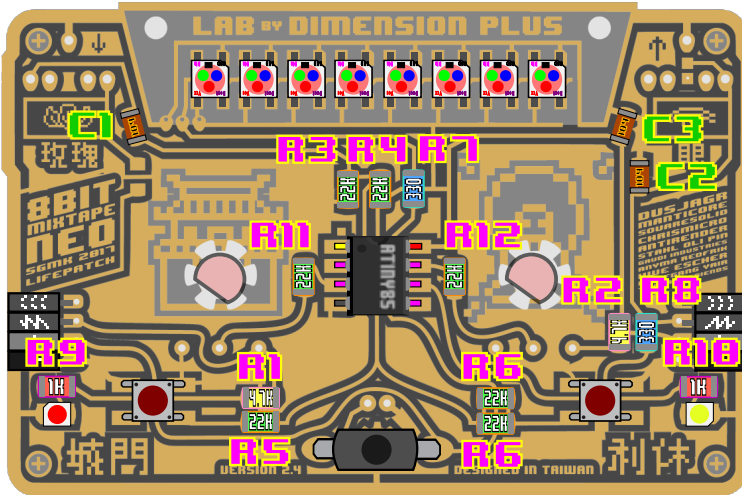












# BBIT MIXTAPE NEO

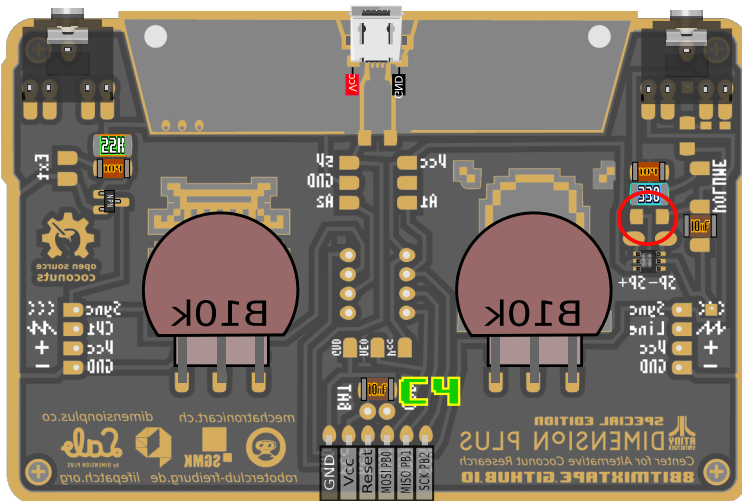
## PARTS PLACEMENT - COMPLETE




### On the Frontside










-  1 x ATTINY85 DIL-Package (plus IC-Socket)
-  8 x NEO-Pixel (5050 SK6812)
-  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 (R10, R11)
-  2 x LED (power and output)
-  1 x ON/OFF Switch
-  2 x Push Button





### On the Backside



-  2 x AudioJack 3.5mm switched
-  1 x 10  $\mu$ F (C4)
-  2 x 10 kOhm lin Potentiometer

### 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 Connector Header 4pos (female)

-  1 x PAM8301 (Amplifier chip)
-  1 x 100 nF (C5)
-  1 x 10  $\mu$ F (C7)
-  1 x 330 Ohm (R13)

