8BIT MIXTAPE NEO

PARTS PLACEMENT - COMPLETE
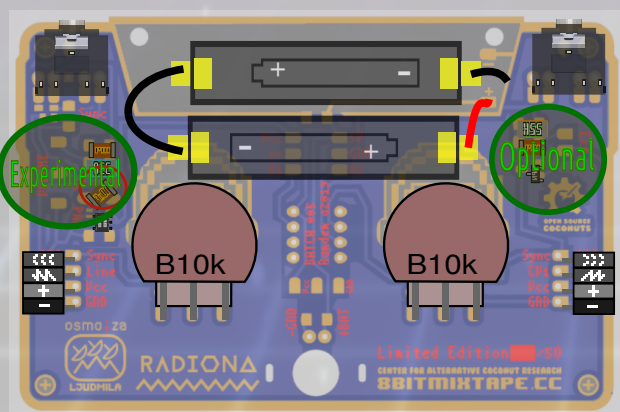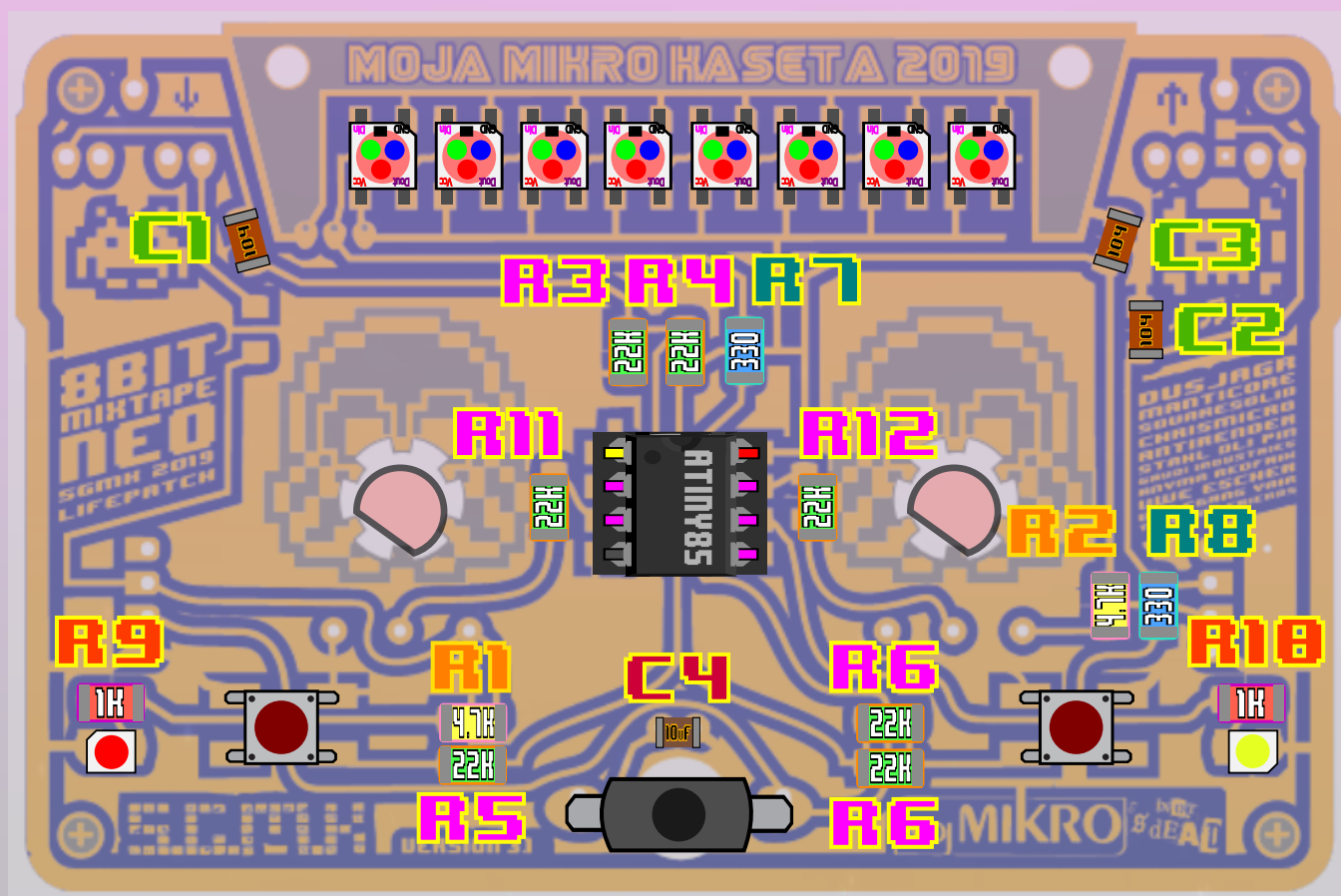
On the Frontside

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104	3 x 100 nF	C1, C2, C3
22K	7 x 22 kOhm	R3, R4, R5, 2xR6, R11, R12.
4.7K	2 x 4.7 kOhm	R1, R2
330	2 x 330 Ohm	R7, R8
1K	2 x 1 kOhm LED brightness	R9, R10
	2 x LED (power and output)	DIRECTION !!!
	8 x NEO-Pixel (5050 SK6812)	DIRECTION !!!
	2 x Push Button (bend and cut legs short)	
	1 x IC-Socket DIL-Package	DIRECTION !!!
	1 x ATTINY85 DIL-Package	DIRECTION !!!
10nF	1 x 10 μF	C4

On the Backside

1 x ON/OFF Switch (bend and cut legs short)	
2 x AudioJack 3.5mm switched	
2 x 10 kOhm lin Potentiometer	
2 x Connector Header 4pos (female)	
2 x Battery Holder AAA)	

Optional on the Backside

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

something confusing