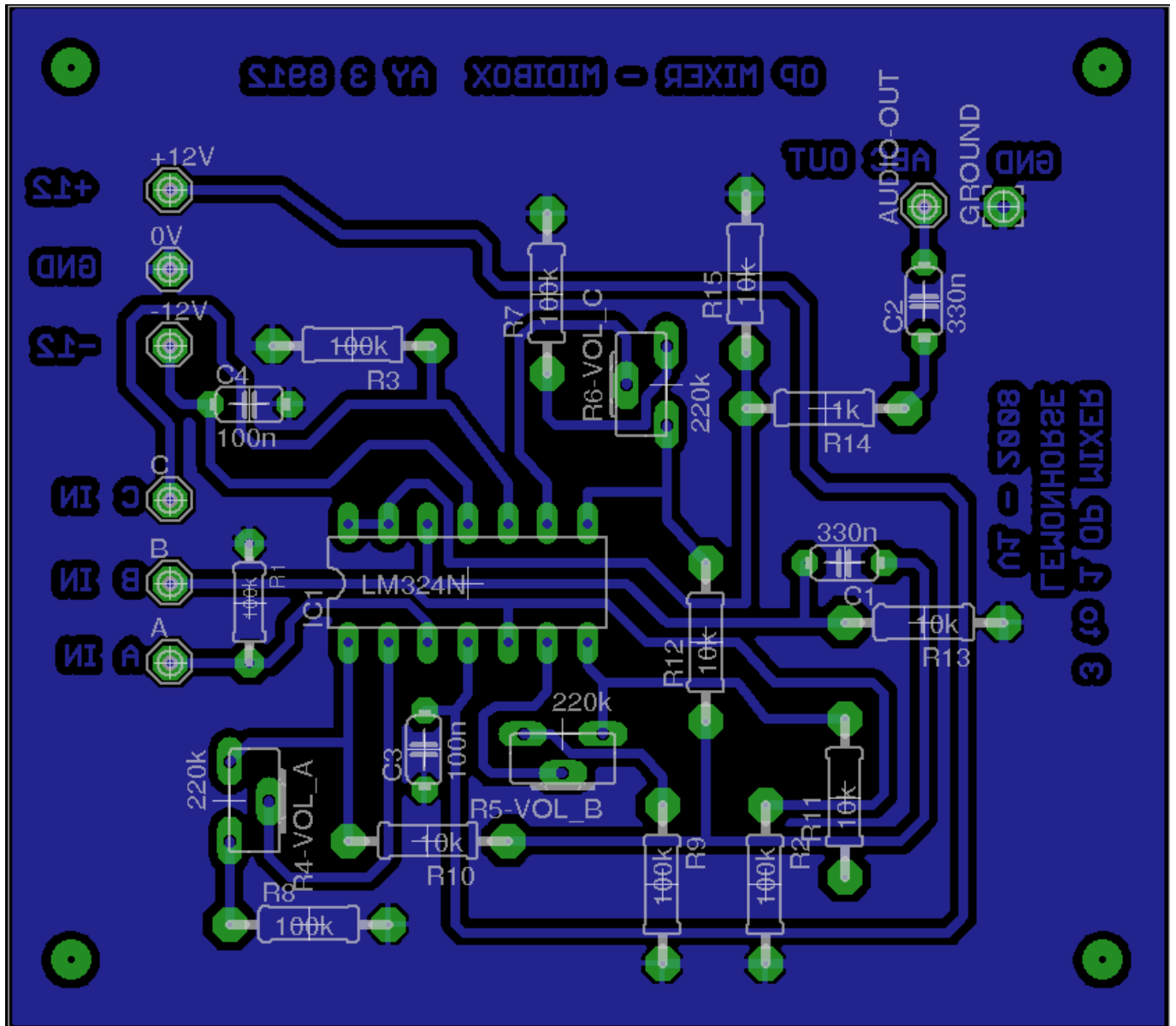
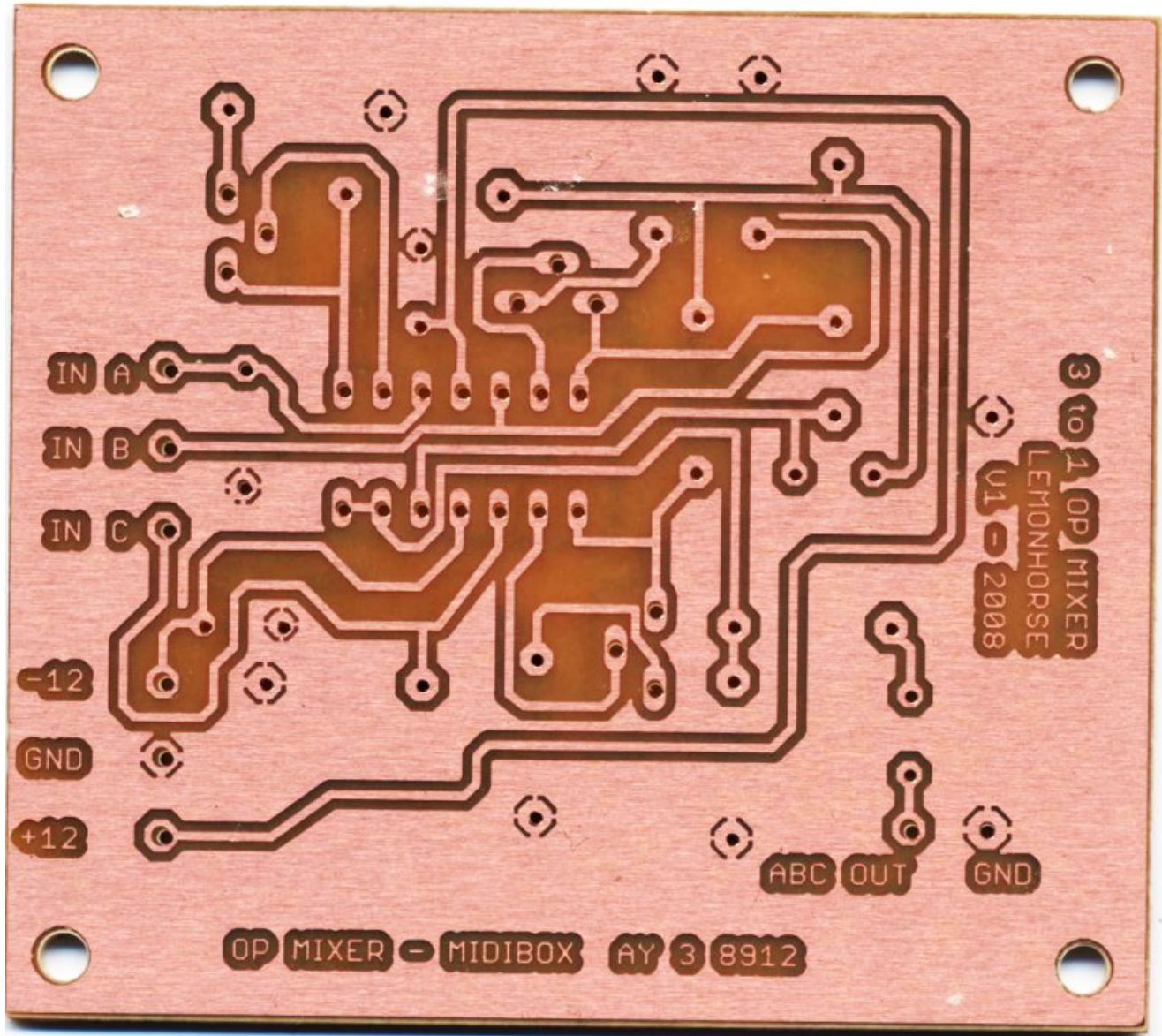


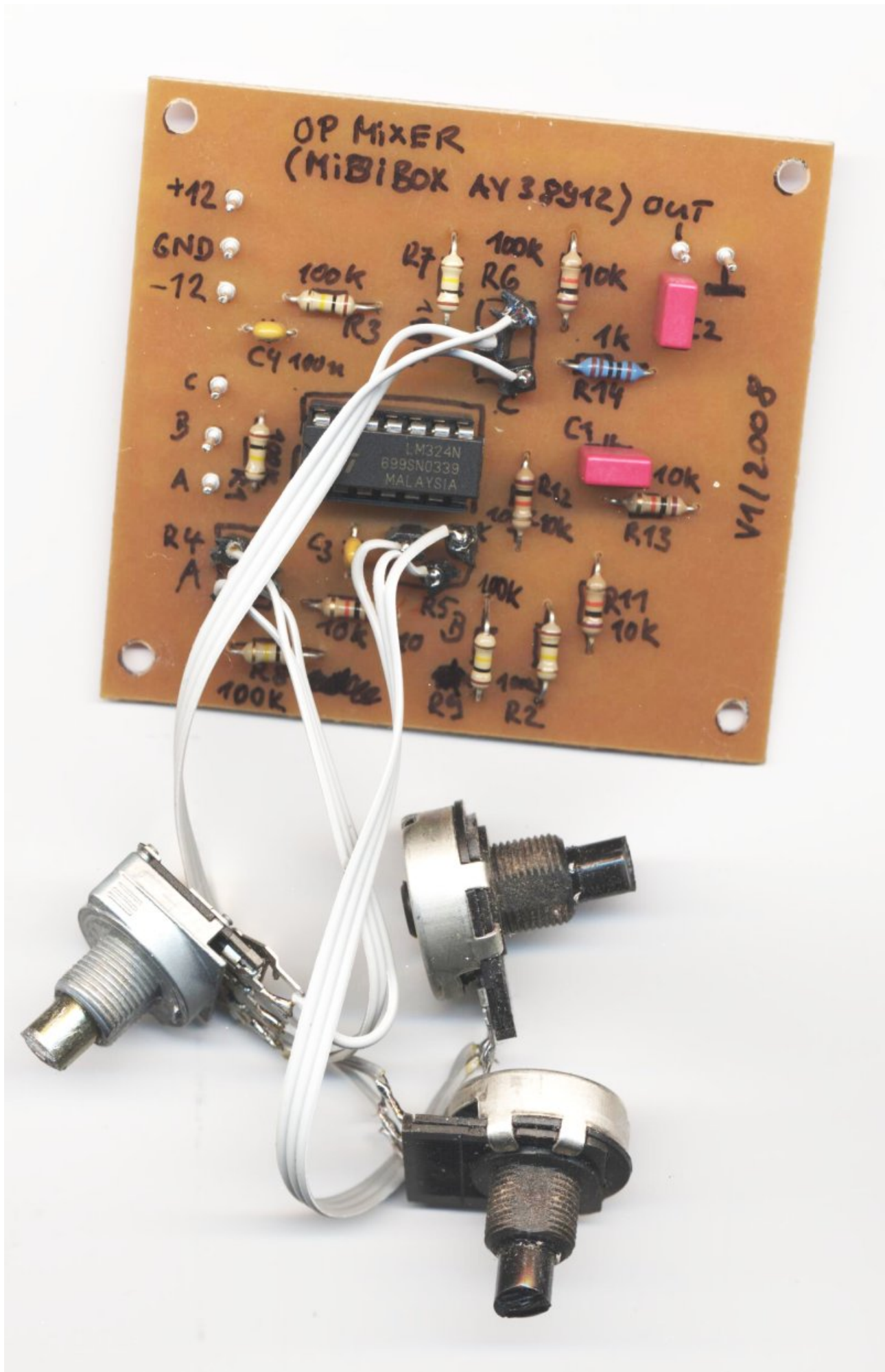
MIDIBox AY 3 8912 Mixer

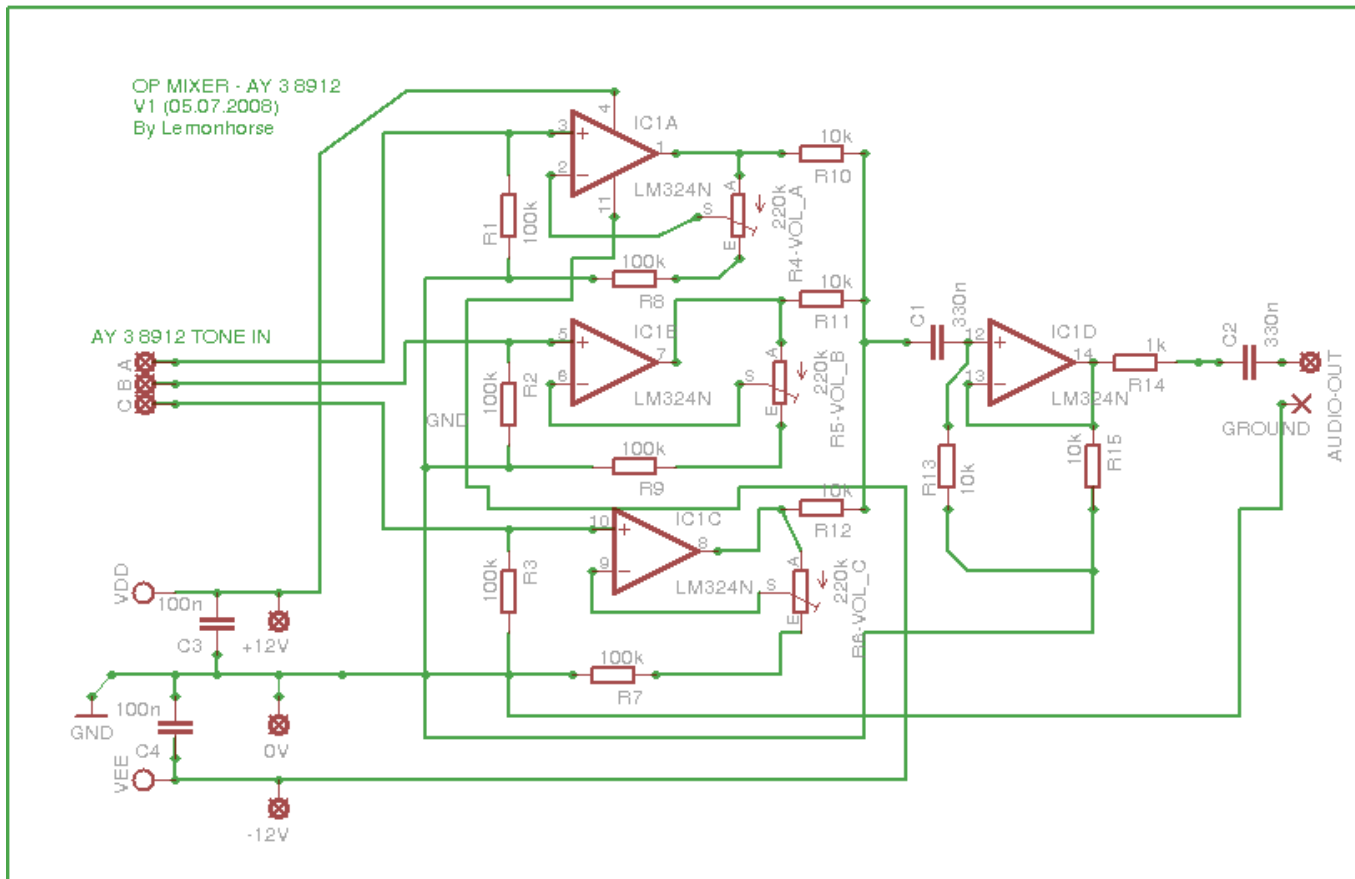
- OP AMP Mixer (Tone ABC) for the MIDIBox AY 3 8912 (Ver. 1a)











Notes:

- Pot R4 (Volume Tone A), R5 (Volume Tone B) and R6 (Volume Tone C) are designed for volume finetuning (not for turning off tone A/B/C)

Pot Options:

- R4, R5, R6 = 100k (less volume)
- R4, R5, R6 = 220k (more volume)

OP: LM324N (4xOP, +/-12V) - Datasheet:

- => [LM324N.pdf](#) /
- => [lm324.pdf](#)

Download: Eagle 5.1 Files + Partlist - MIDIBox AY 3 8912 Mixer (Ver.1a)

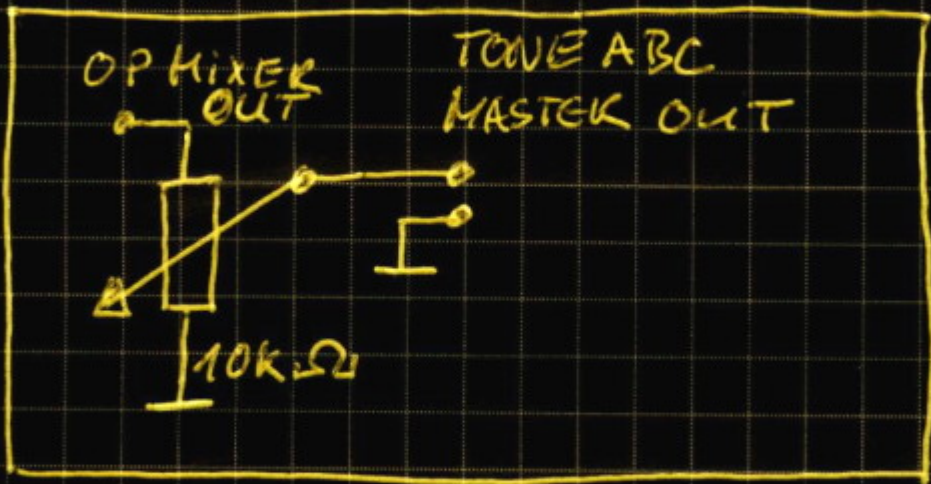
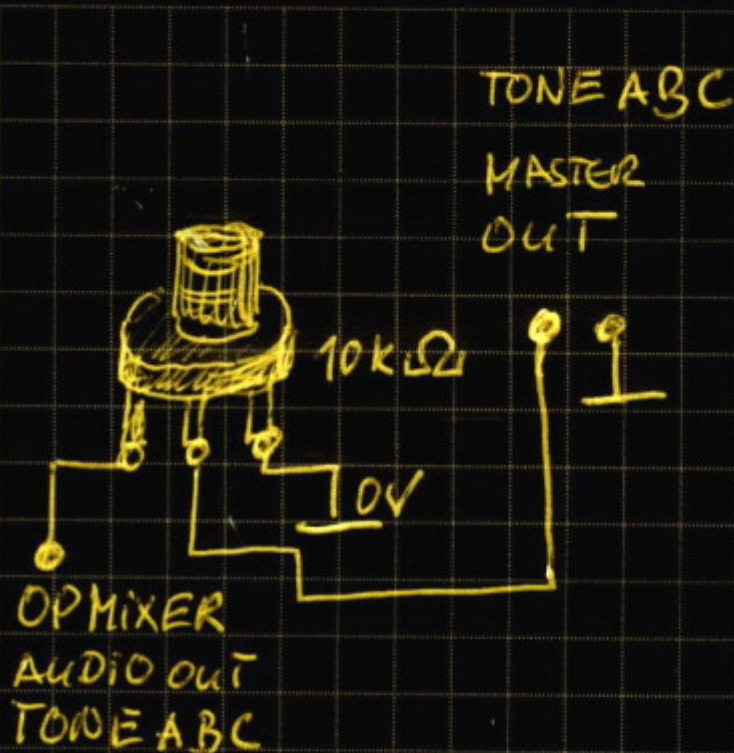
[mbay_eagle.zip](#)

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MASTER VOLUME POT

MASTER VOLUME POT

MIDIBOX AY 3 8912

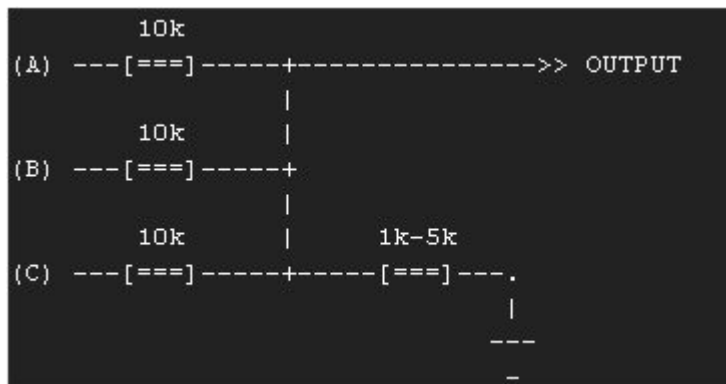


Lemouhose
07.09.2008

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No OP MIXER Option

Notice: "You can easily leave out the opamp buffer board for testing. Just connect all three outputs via 10k resistors and add a pulldown of 1k-5k from that signal to ground." (nILS Podewski, 2008-10-02)



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PCB

The OP-Mixer PCB are available at Mikes Onlineshop

http://www.mikes-elektronikseite.de/shop_englisch/index.htm

[26.09.2008]

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