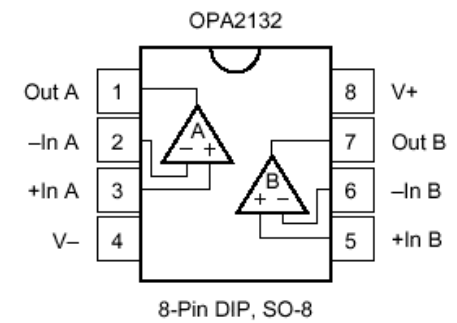
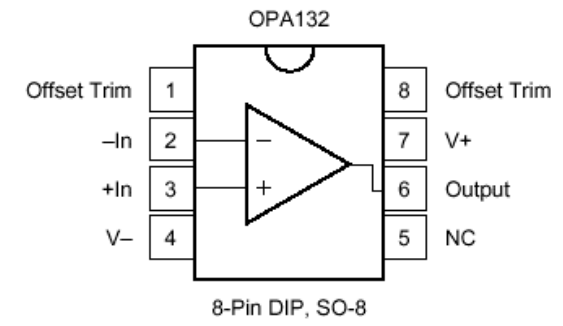
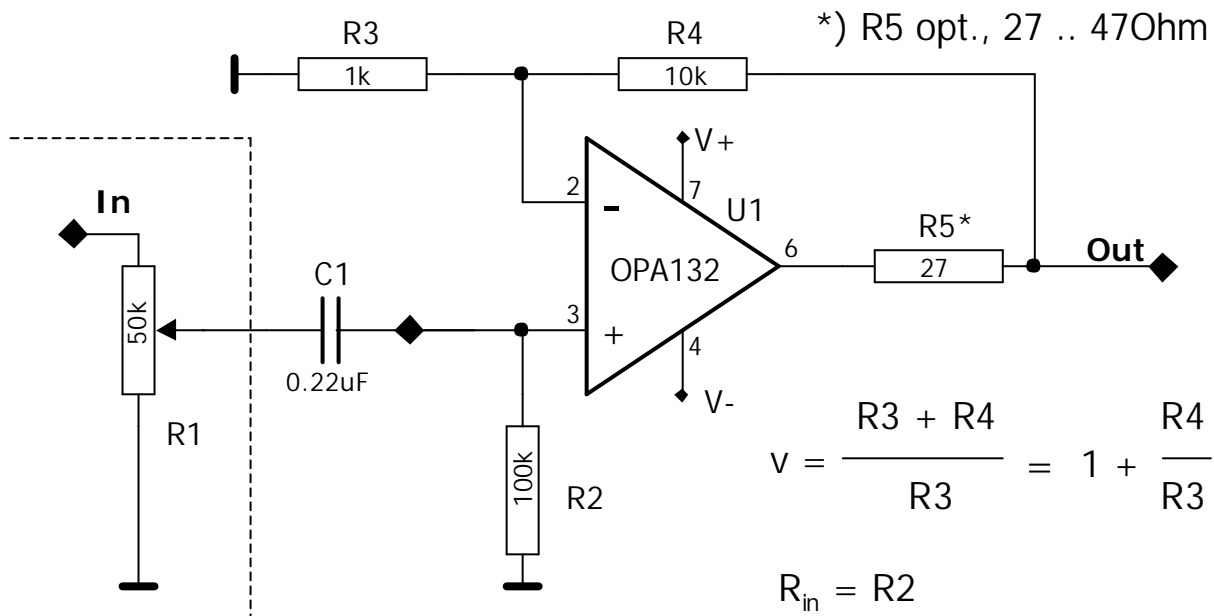


Cmoy headphone amplifier (© Chu Moy, www.headwize.com)

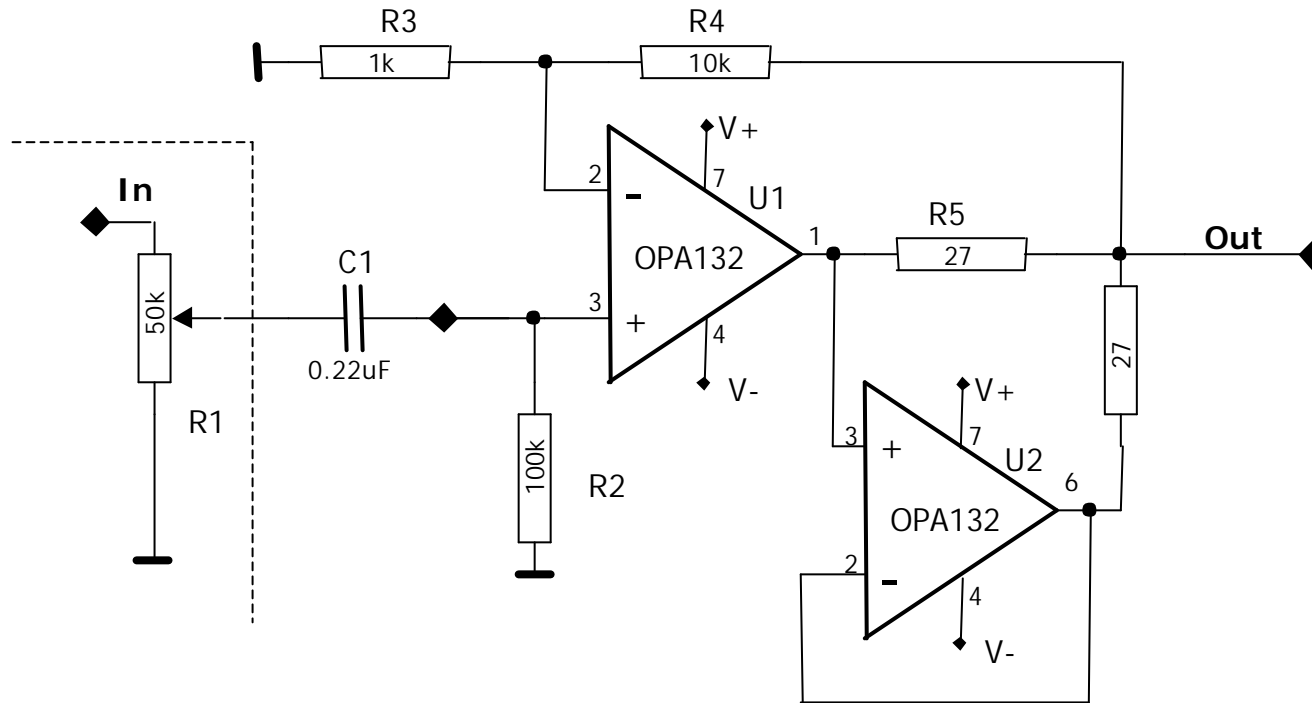


OPA132-pin compatible: LM741 (lower Vcc, lower P0)
 OPA2132-pin compatible: TL072C, NE5532 (higher Out-Z)

CMoy standard

[Rainer Boettchers, 2003, rainer@justchords.com]

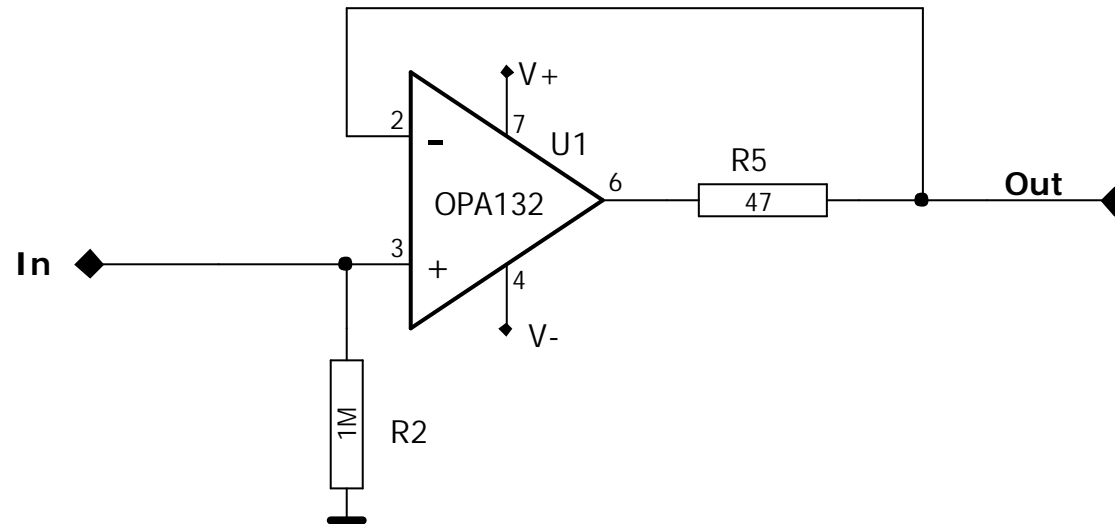
Cmoy47 headphone amplifier (© Chu Moy/Apheared, www.headwize.com)



CMoy 47 design

[Rainer Boettchers, 2003, rainer@justchords.com]

Simple impedance follower

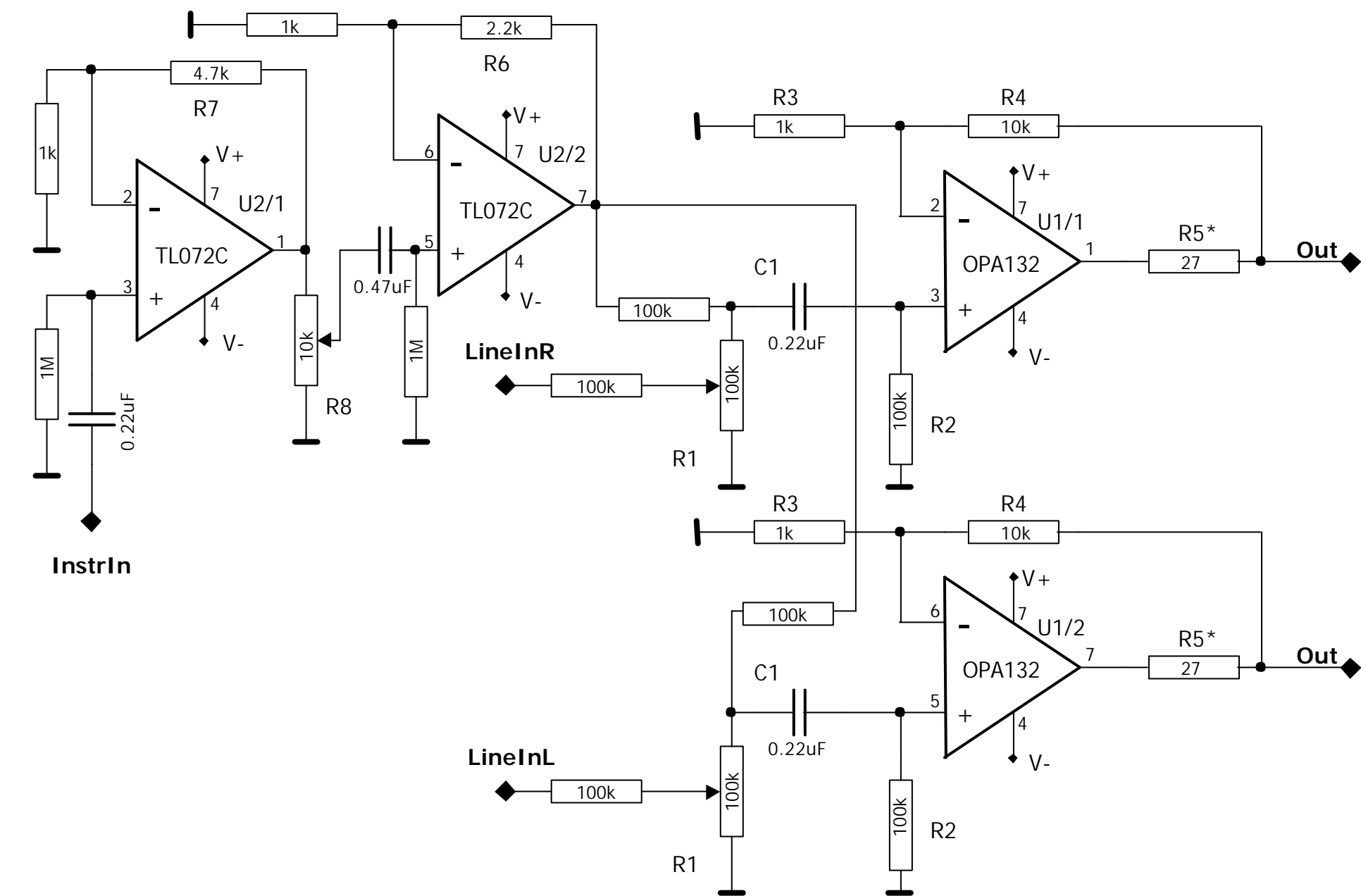


pin-compatible opamp: TL072C (lower quiescent current)

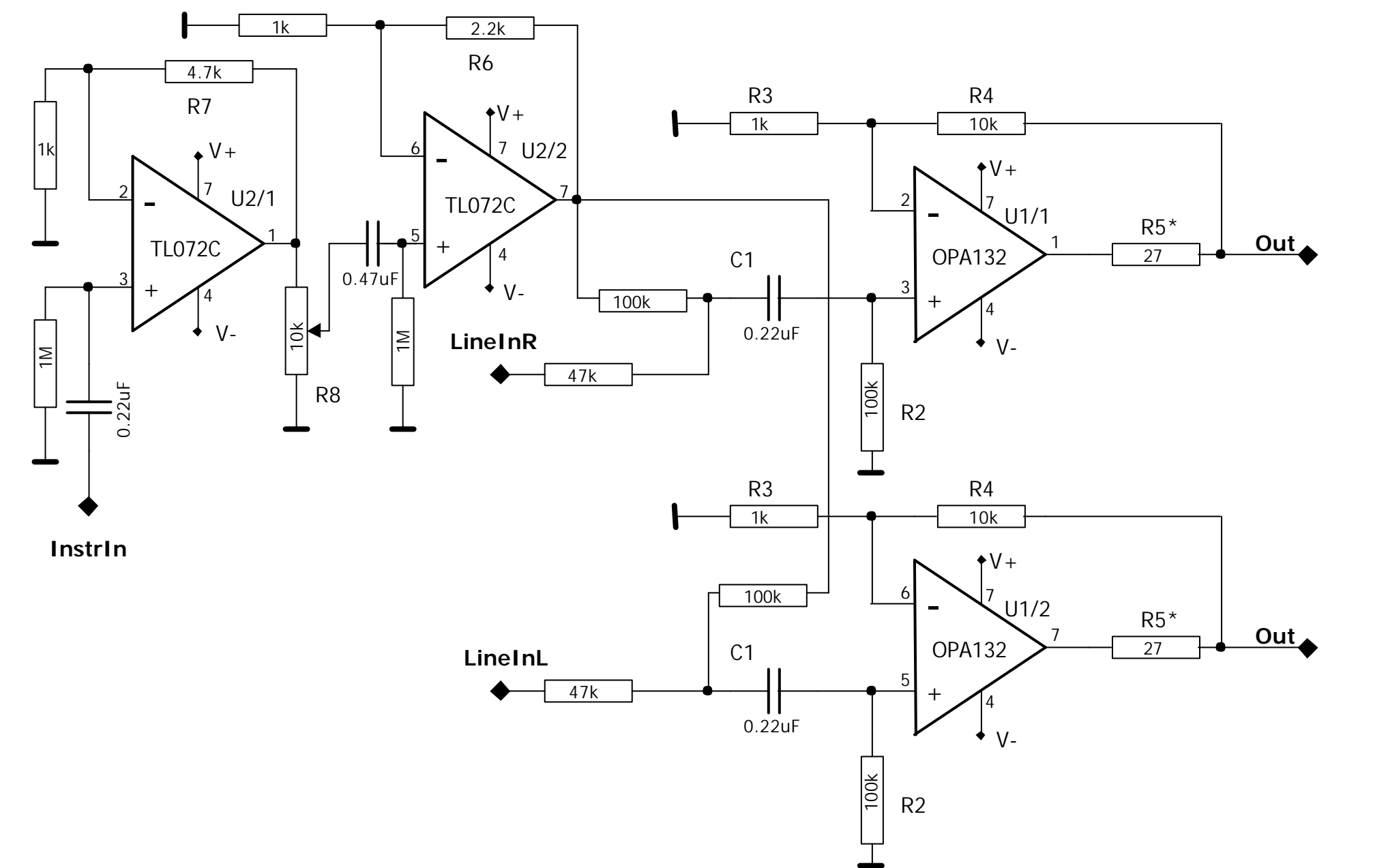
Impedance follower

[Rainer Boettchers, 2003, rainer@justchords.com]

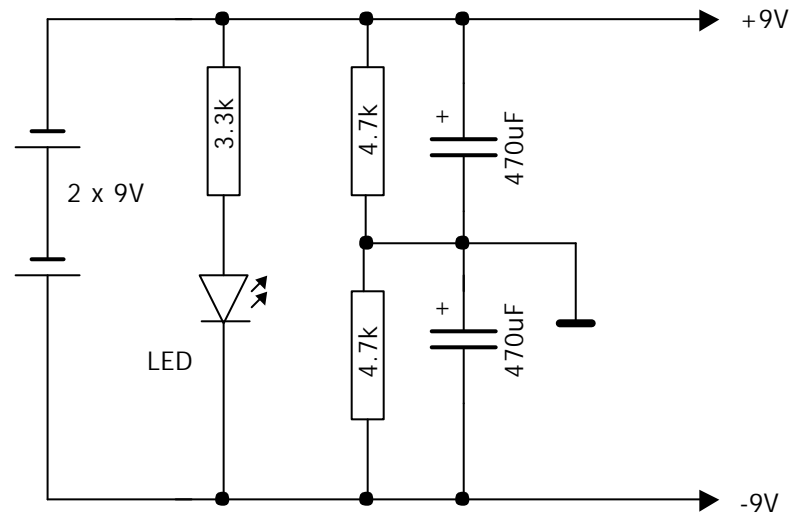
Practice amp w/ LineIn & Instr (var. Line-In)



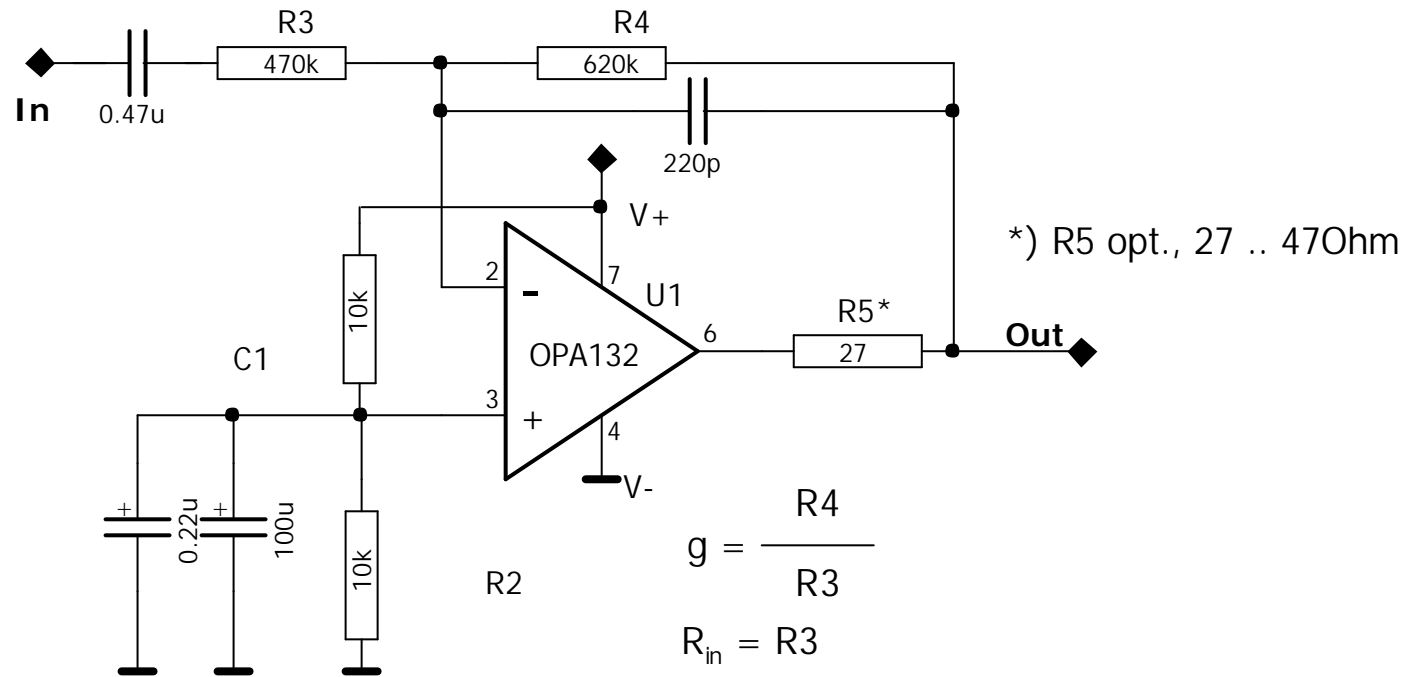
Practice amp w/ LineIn & Instr (const. Line-In)



Battery common rail supply



Single supply operation for buffer amp



Single supply operation

[Rainer Boettchers, 2003, rainer@justchords.com]

Musical EQ

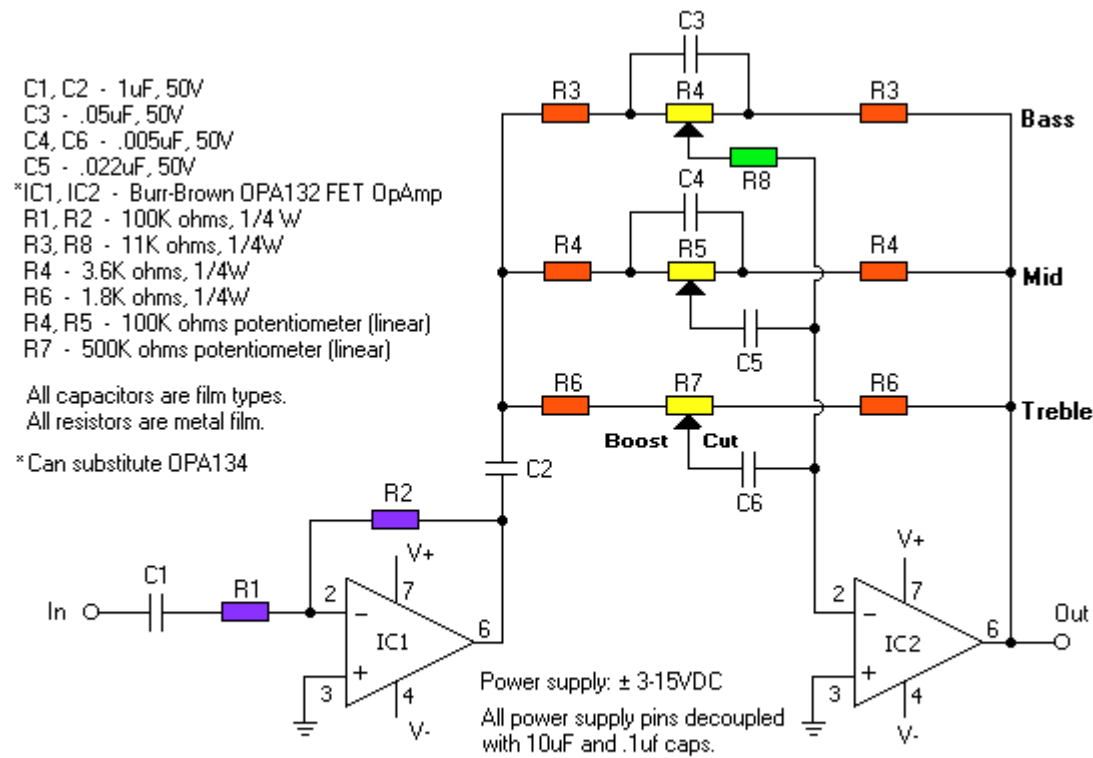
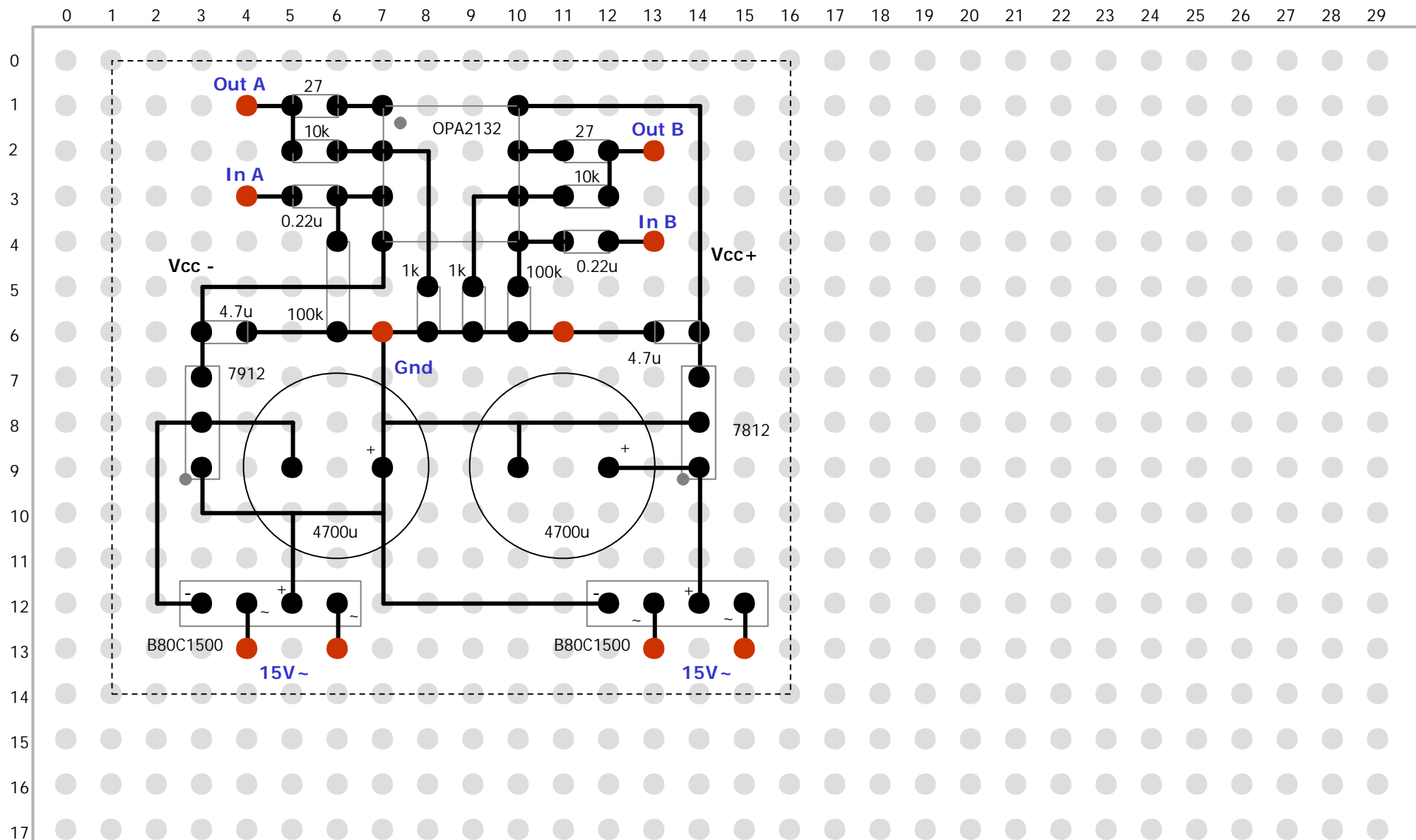


Figure 2 - Schematic for 3-band Baxandall equalizer (one channel)

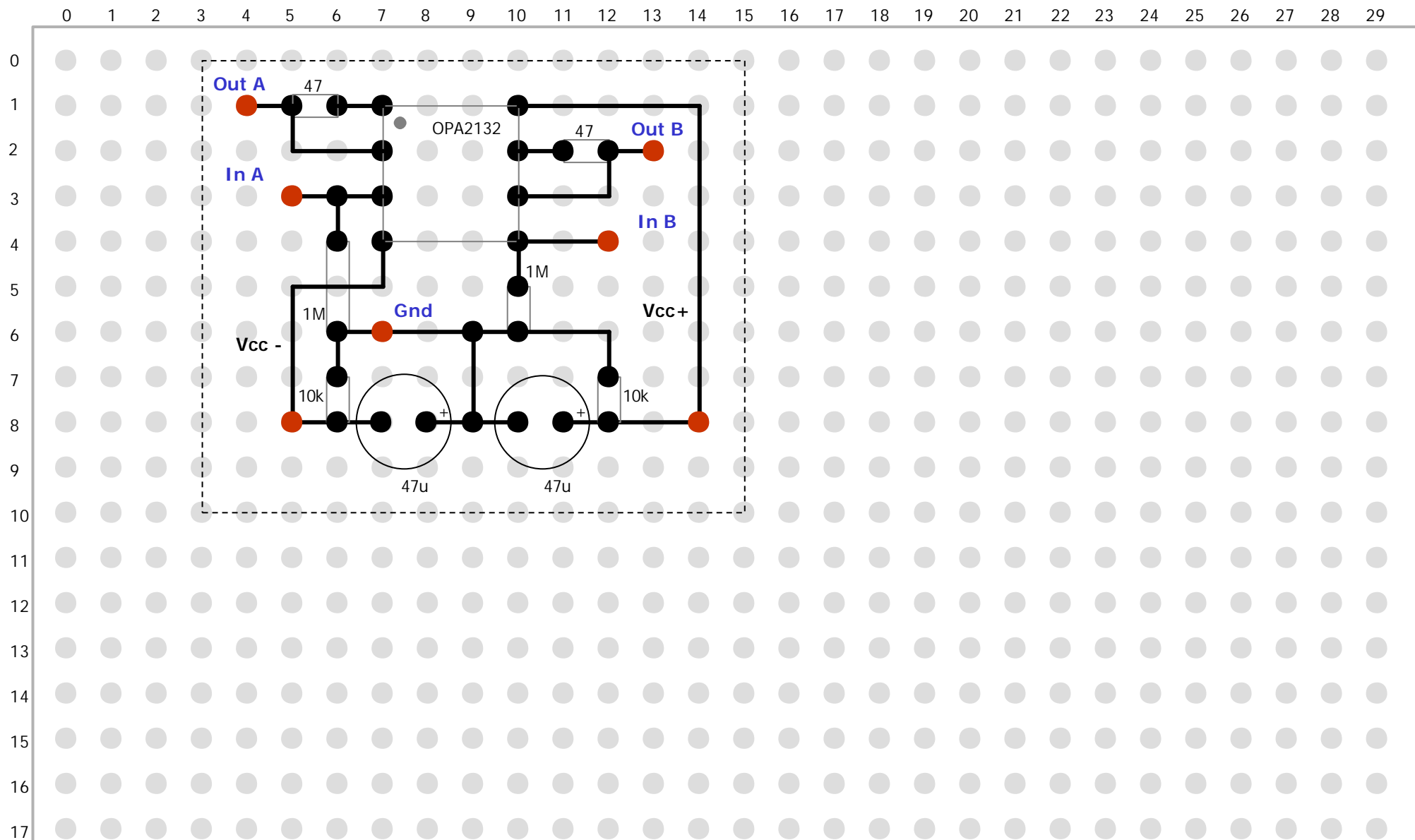


CMoy standard, power supply version

[Rainer Boettchers, 2003, rainer@justchords.com]

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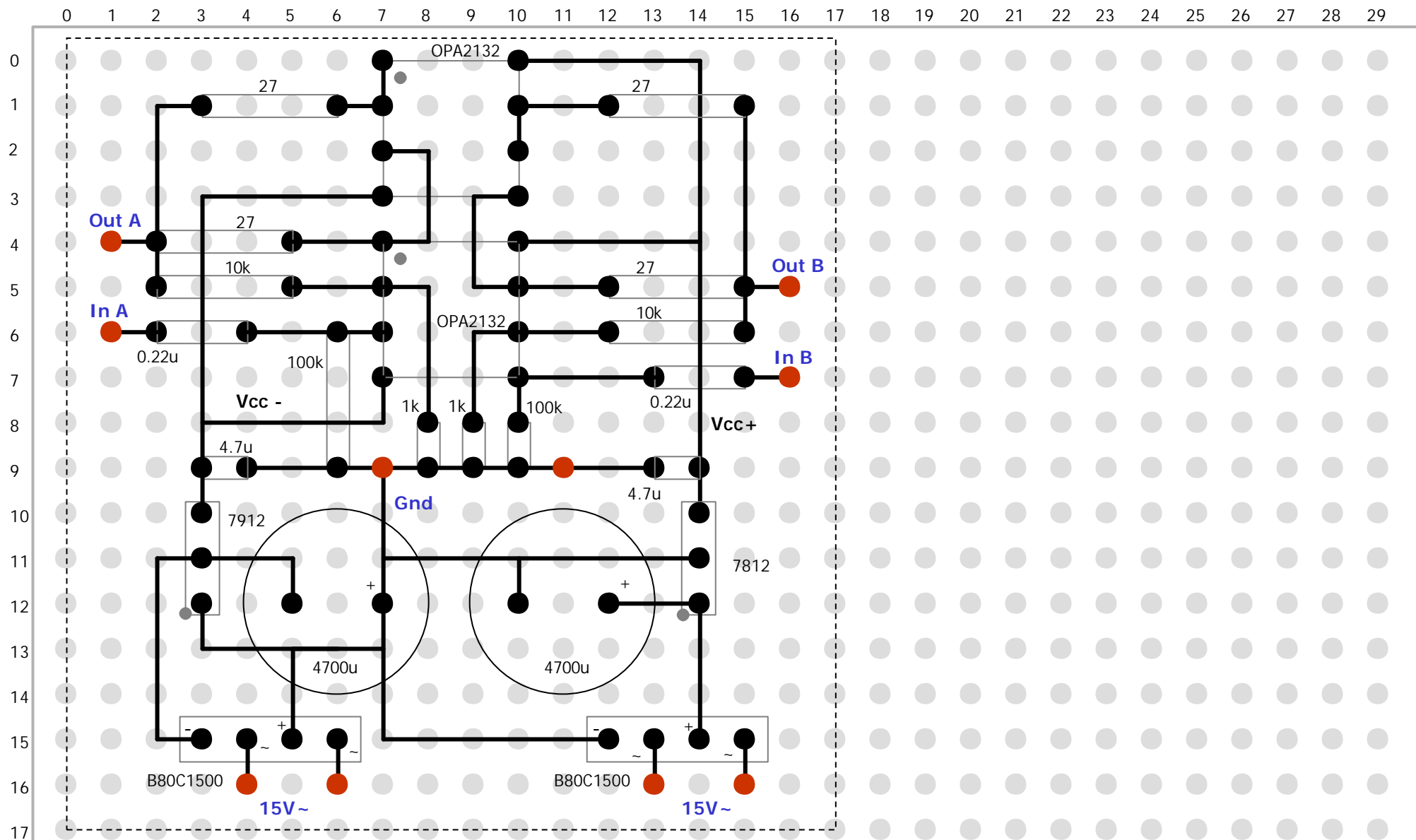


Pickup follower

[Rainer Boettchers, 2003, rainer@justchords.com]

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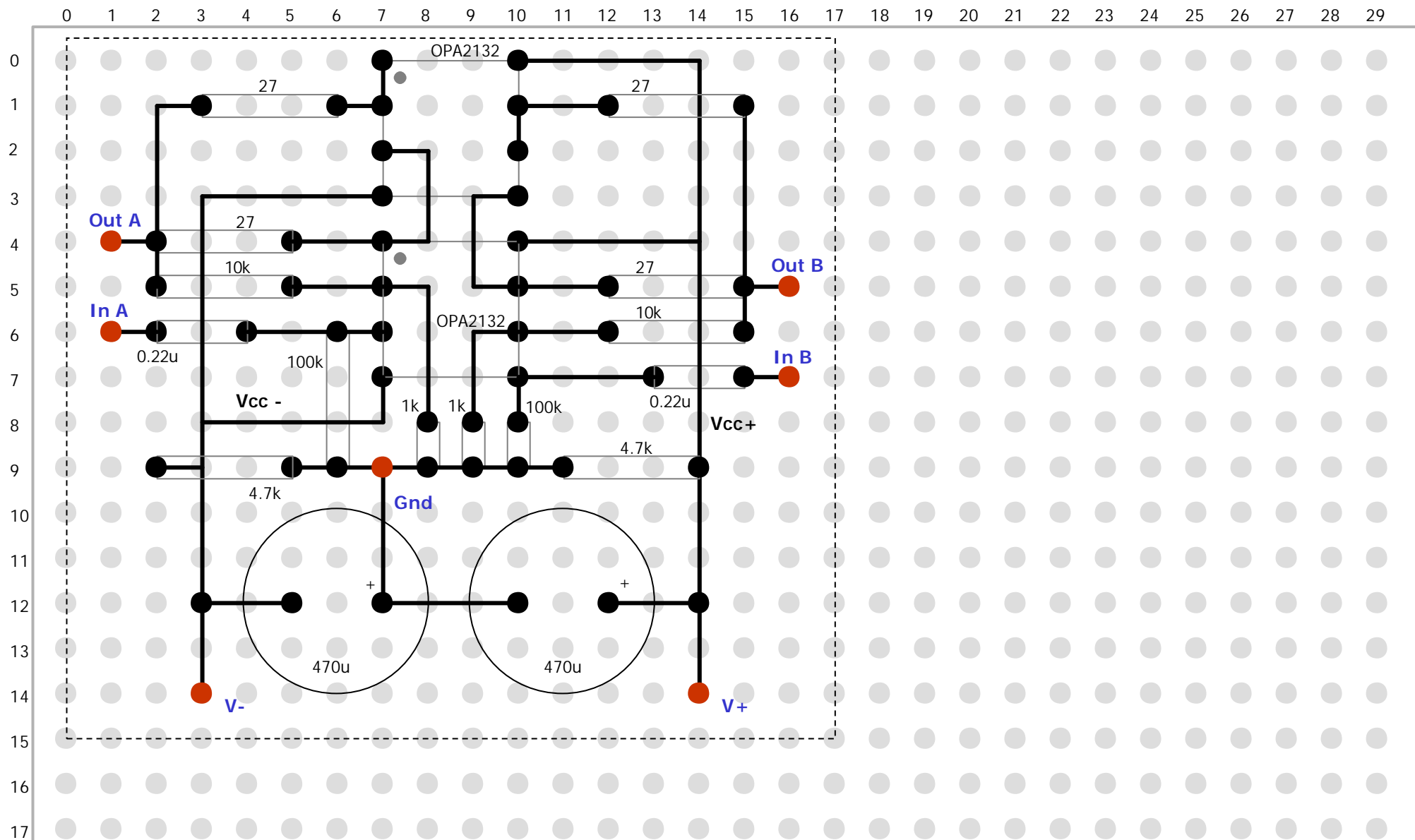


CMoy 47, power supply version

[Rainer Boettchers, 2003, rainer@justchords.com]

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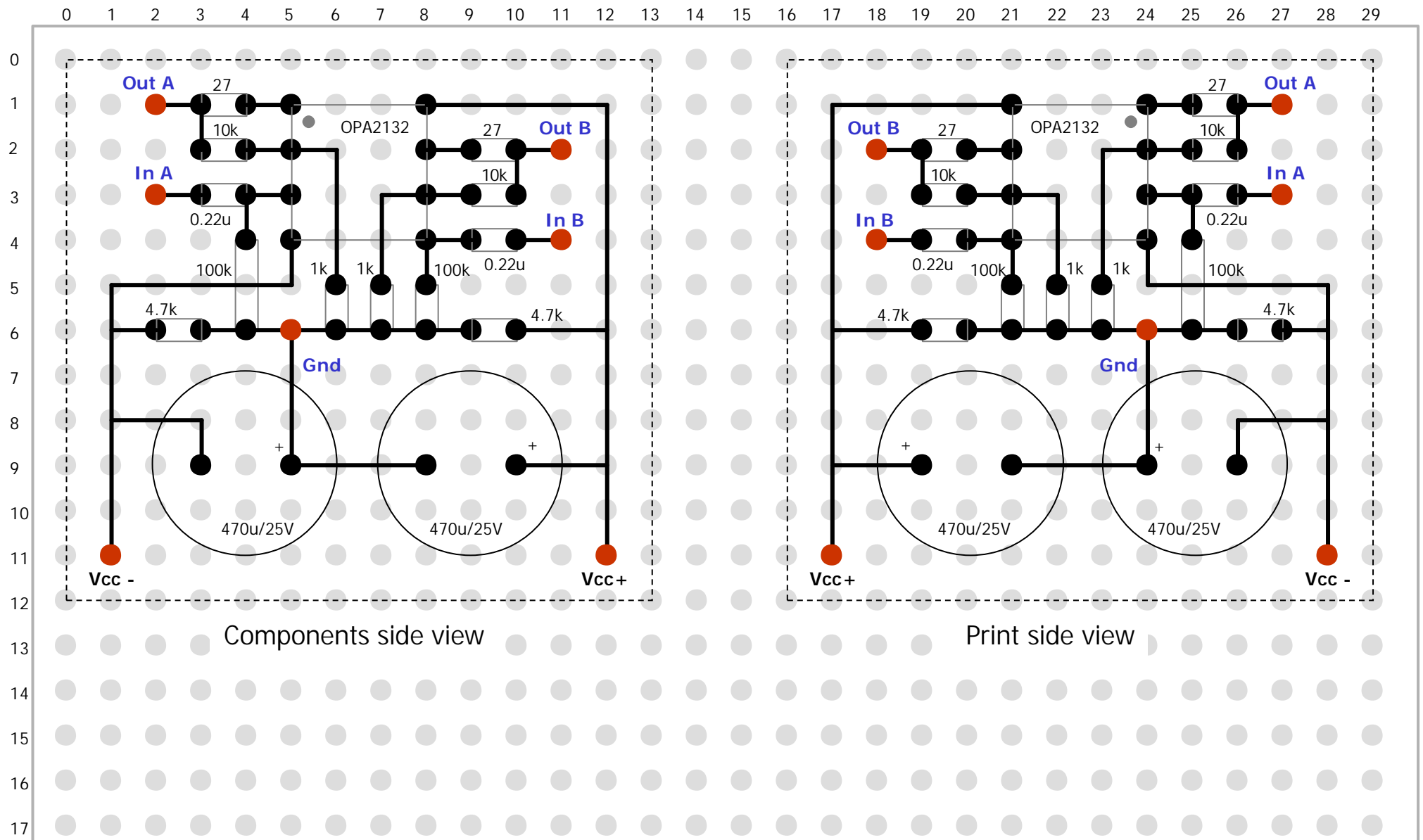


CMoy 47, battery version

[Rainer Boettchers, 2003, rainer@justchords.com]

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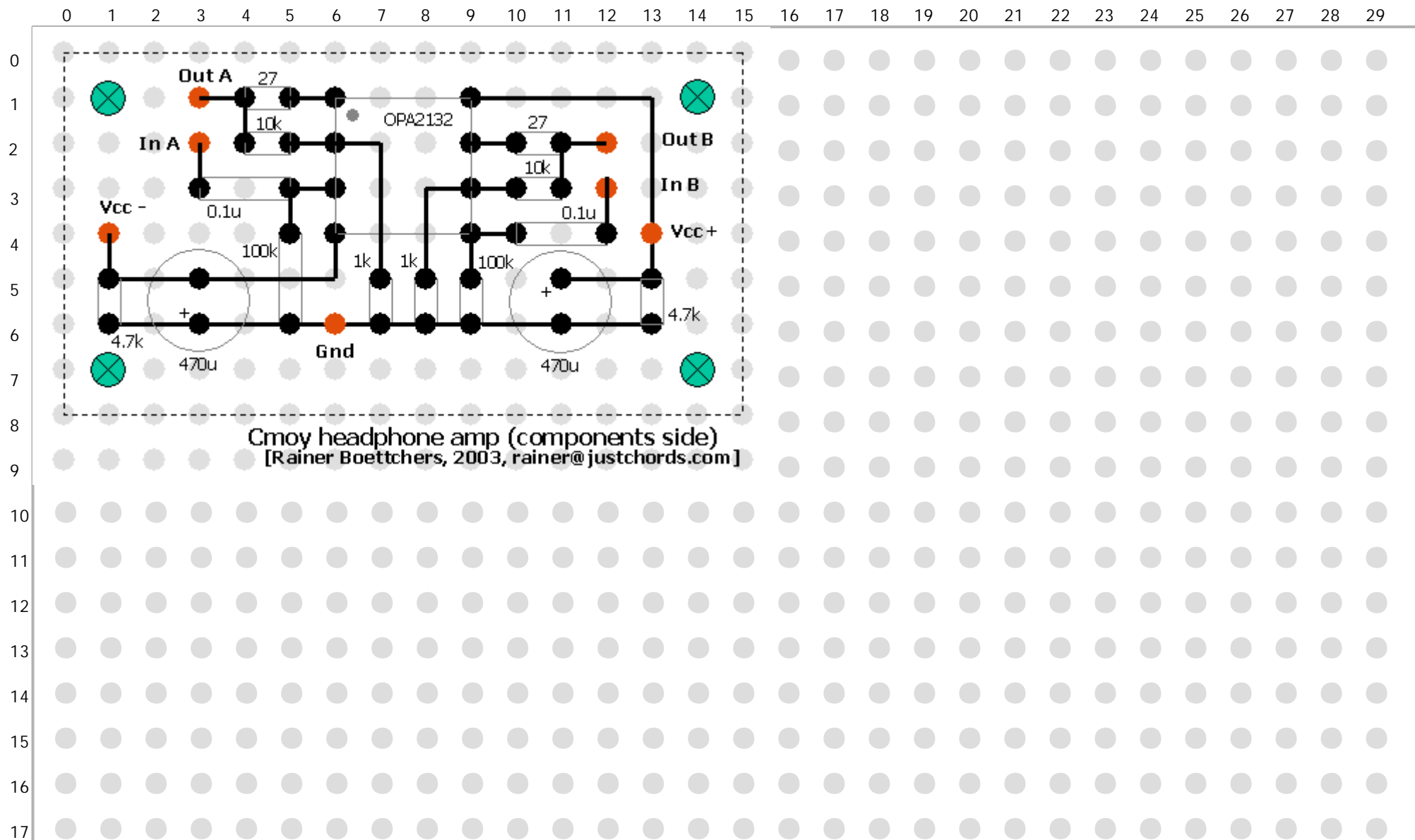


CMoy standard, battery version

[Rainer Boettchers, 2003, rainer@justchords.com]

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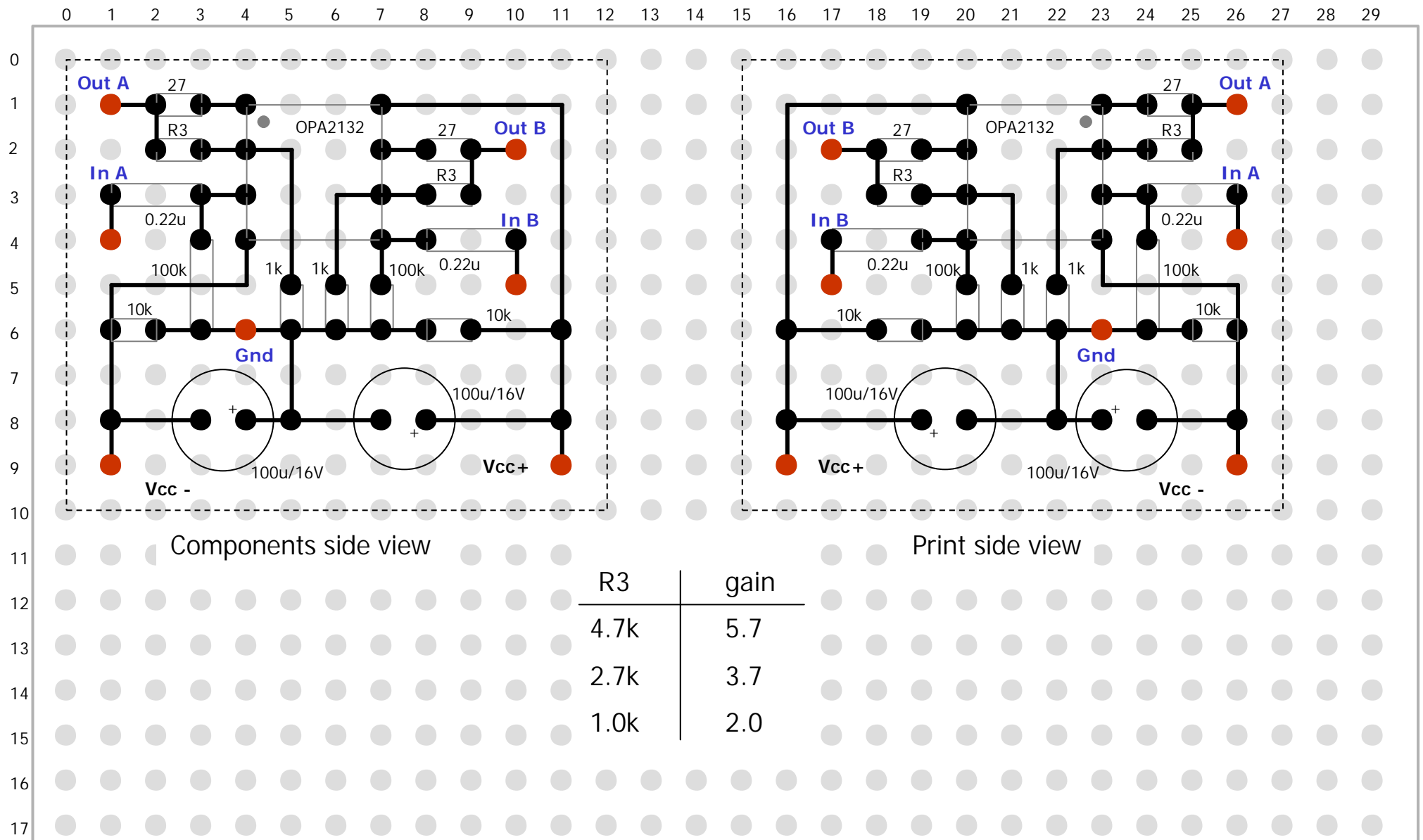


CMoy standard, battery version (alternate layout)

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Components side view

Print side view

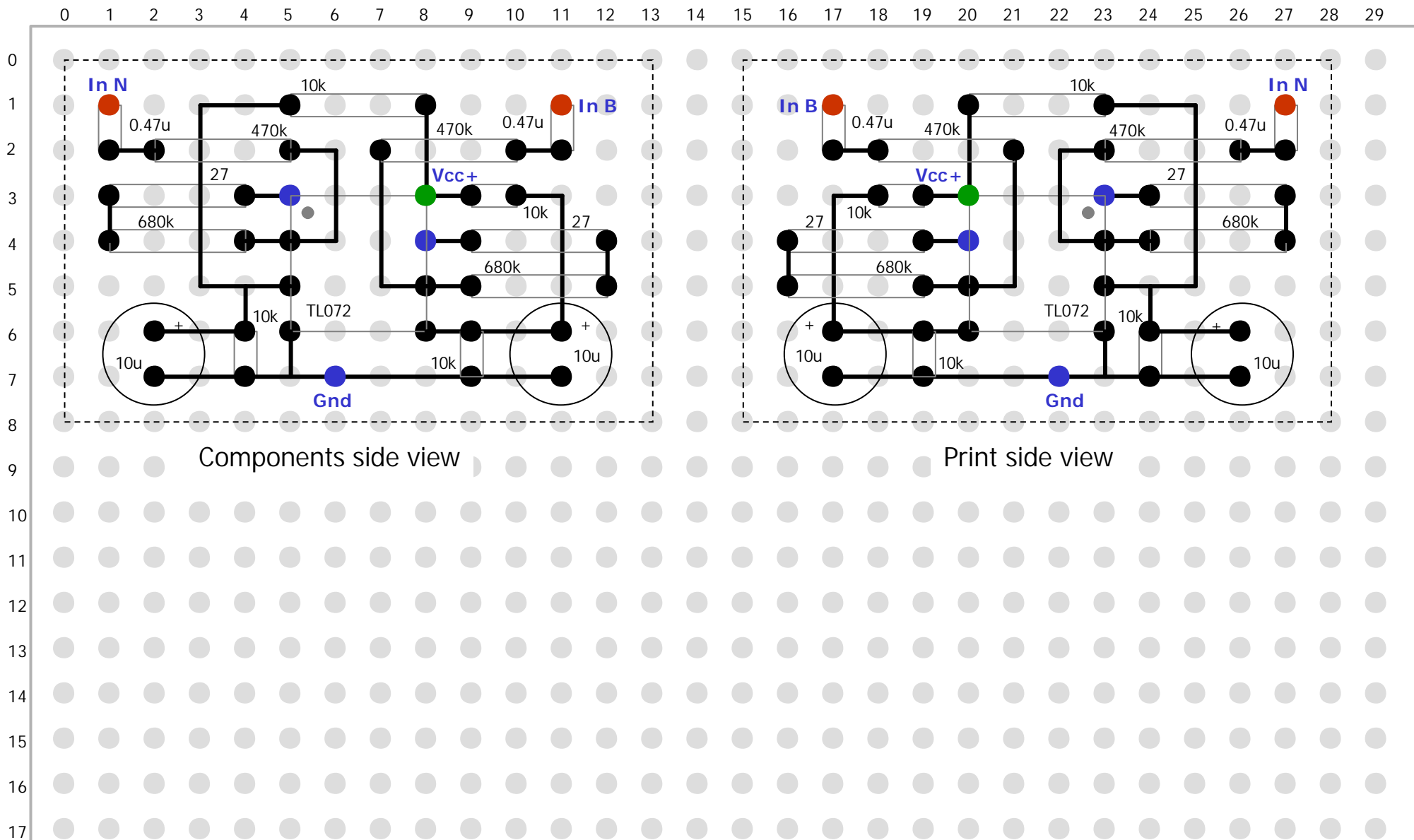
R3	gain
4.7k	5.7
2.7k	3.7
1.0k	2.0

CMoy booster, low power battery version

[Rainer Boettchers, 2003, rainer@justchords.com]

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Components side view

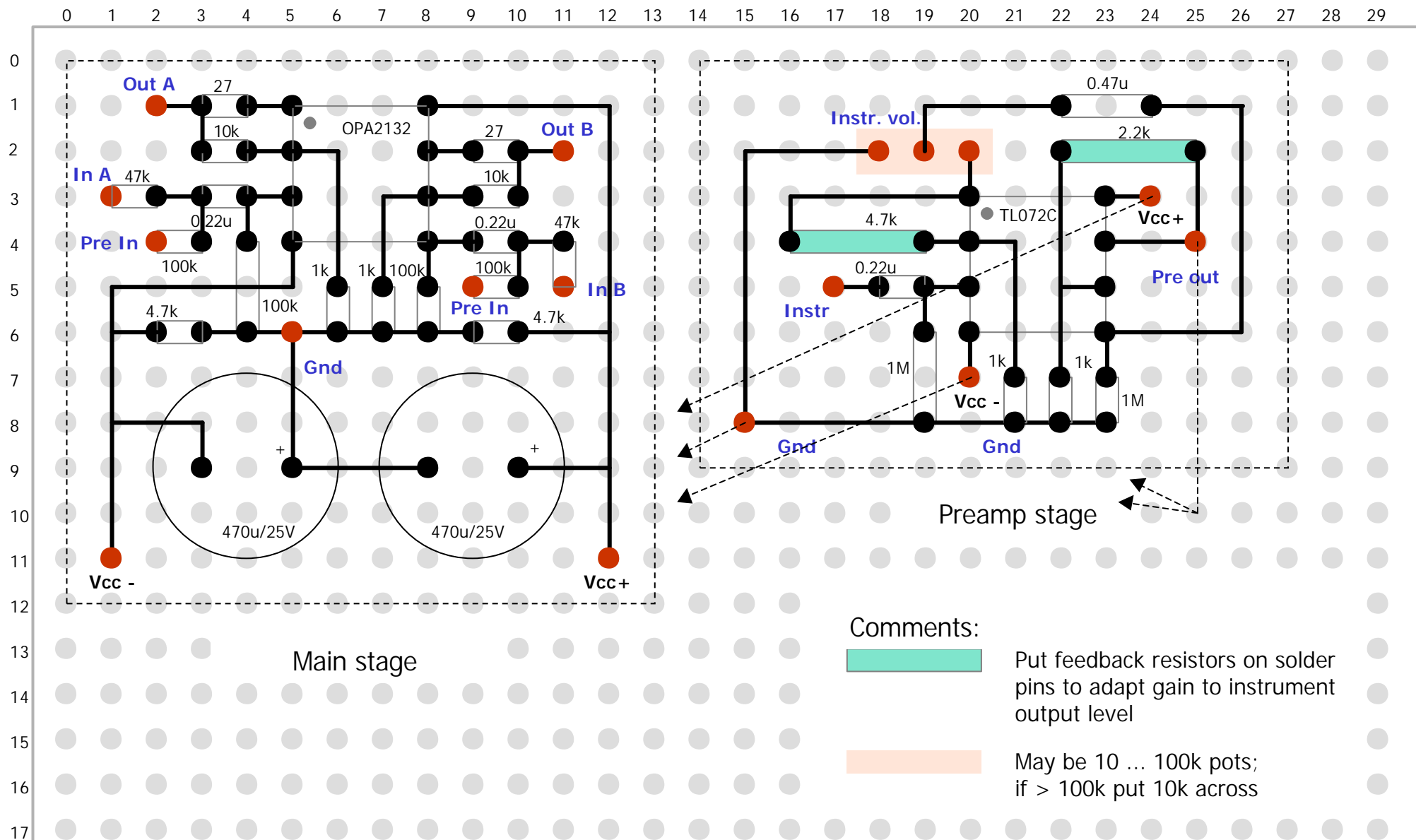
Print side view

Single supply pickup booster

[Rainer Boettchers, 2003, rainer@justchords.com]

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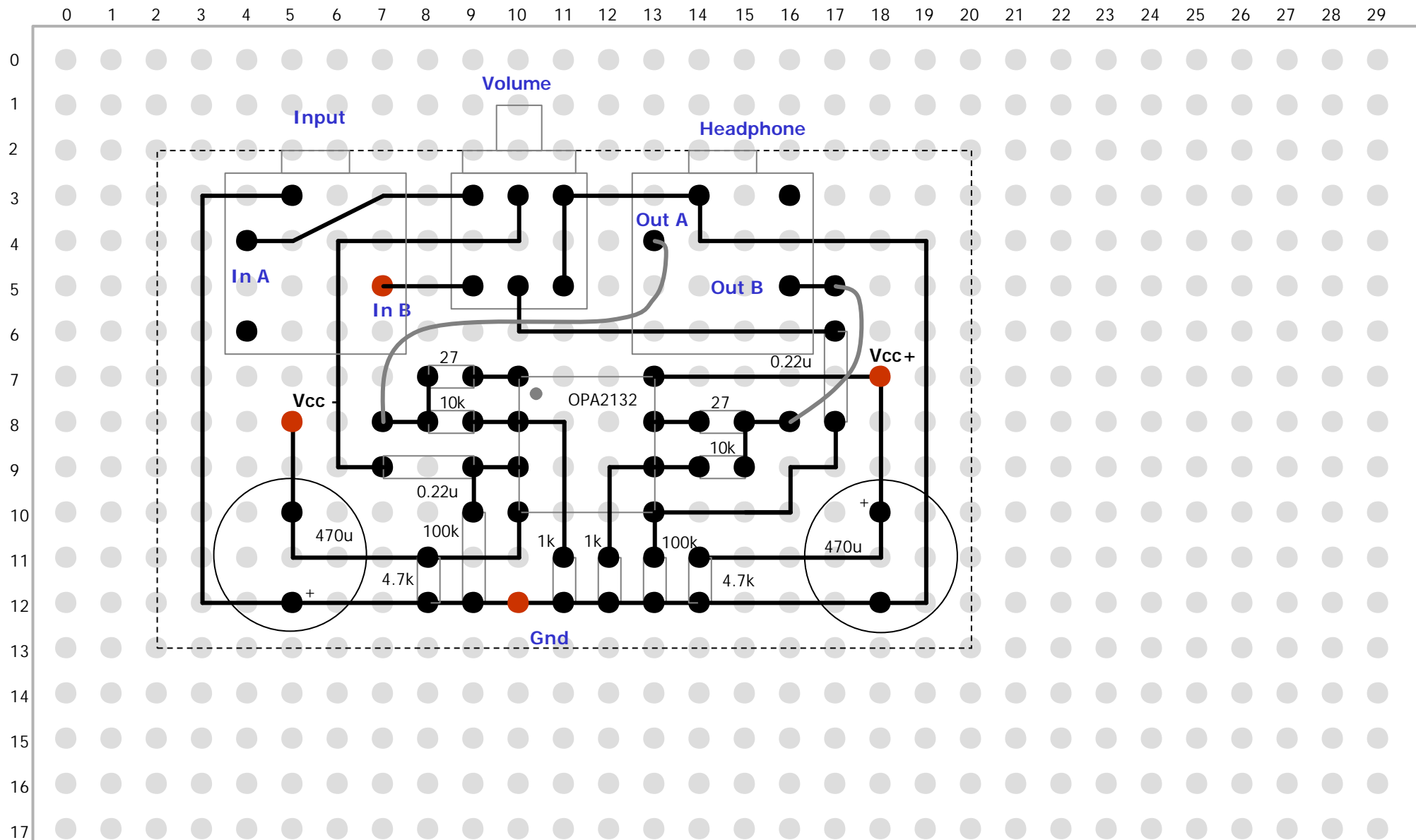


CMoy practice amp, battery version, const. LineIn

[Rainer Boettchers, 2003, rainer@justchords.com]

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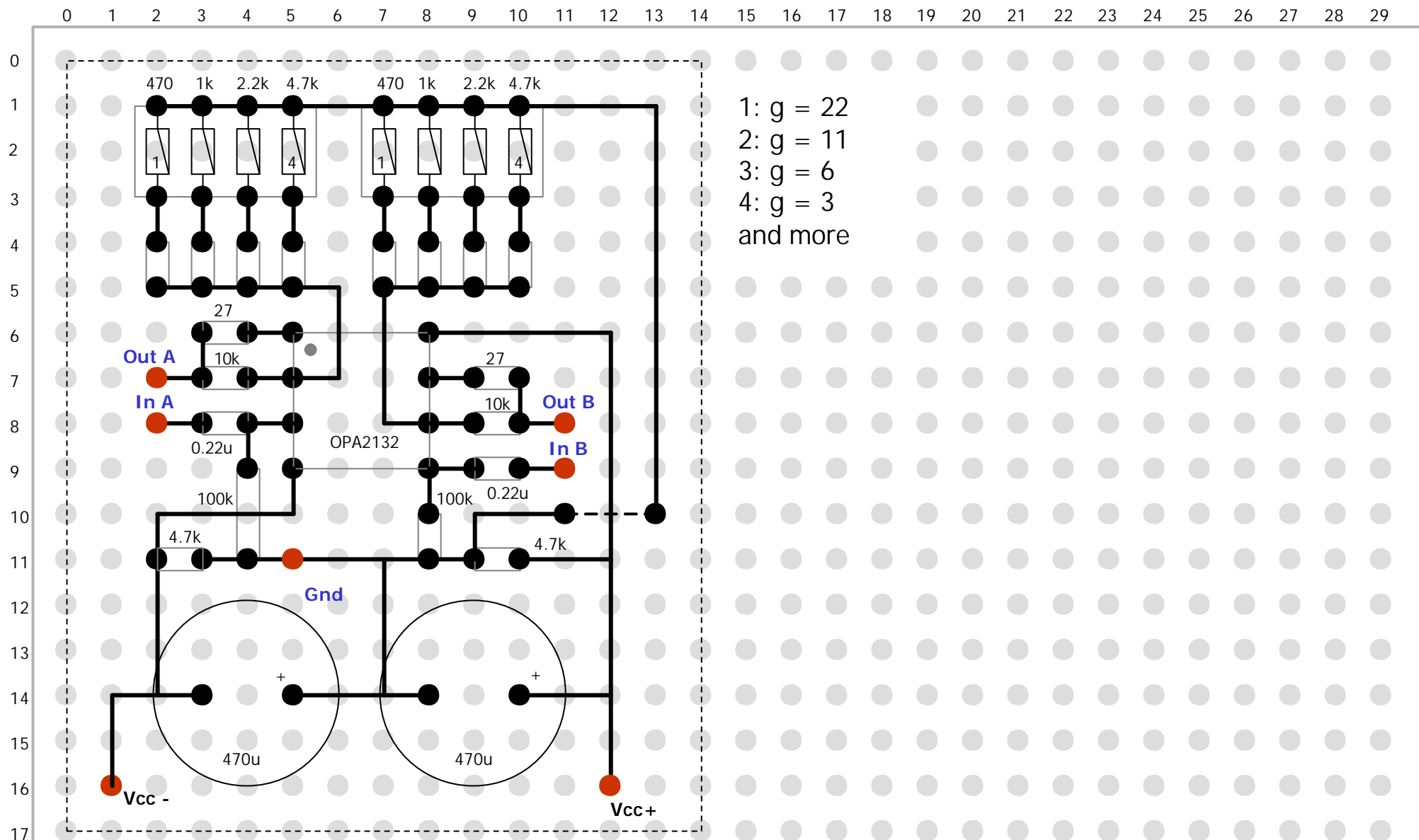


CMoy standard, battery version, single board

[Rainer Boettchers, 2003, rainer@justchords.com]

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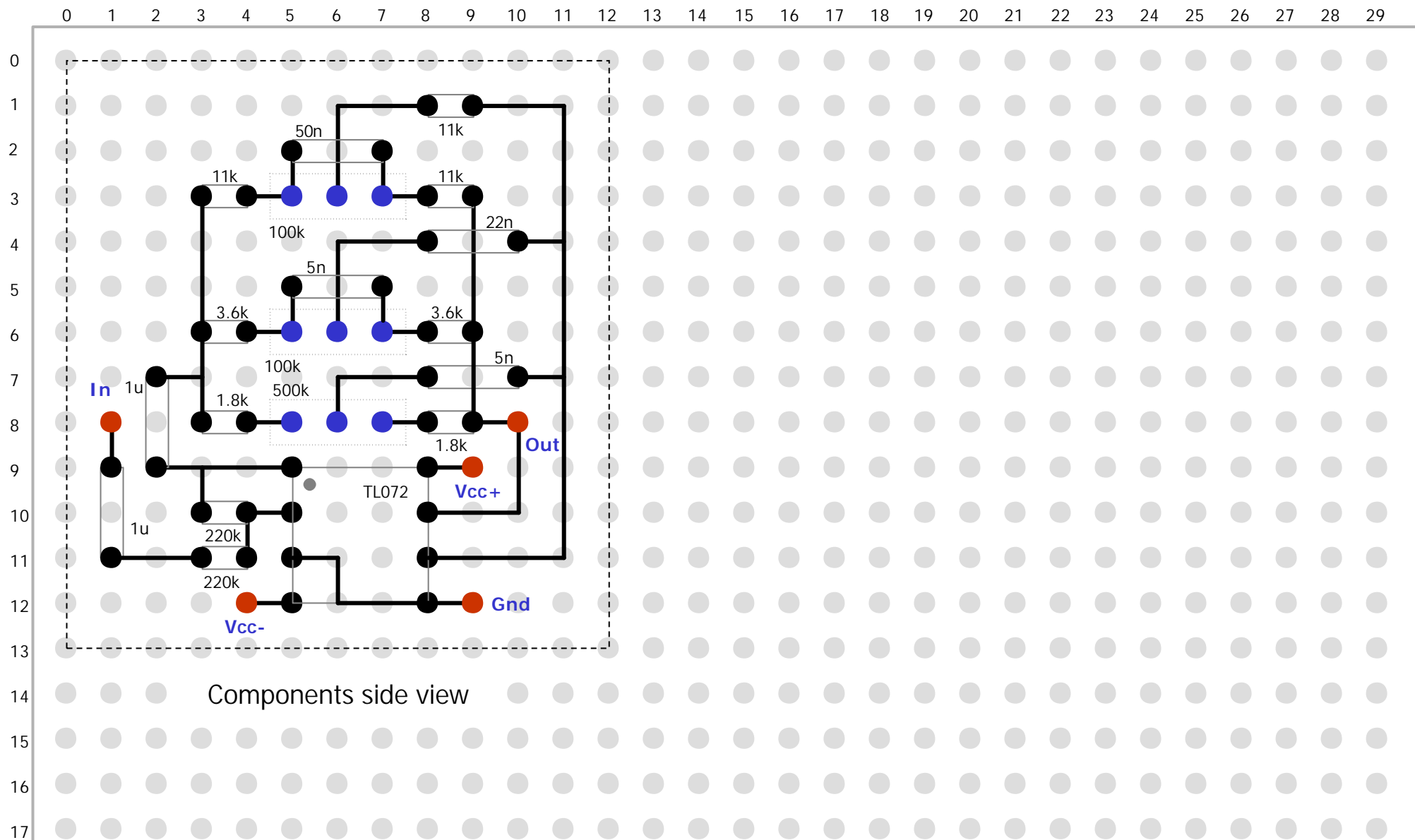


CMoy standard, switchable gain, battery version

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Equalizer EQ3

[Rainer Boettchers, 2003, rainer@justchords.com]

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