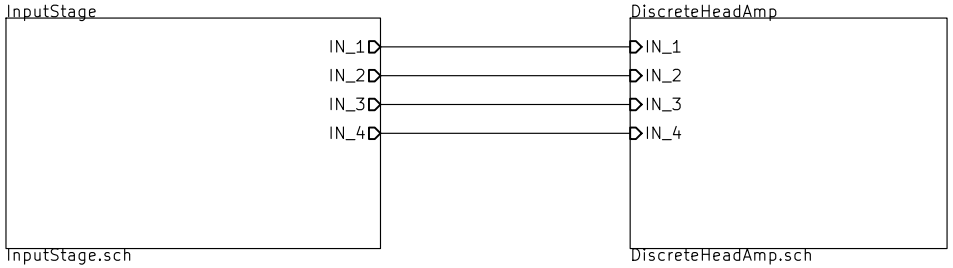
Open Hardware DSP Platform – www.ohdsp.org

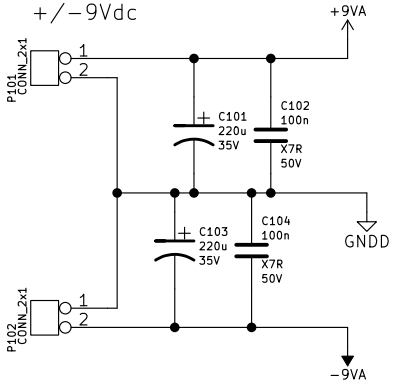
AmpTwo – Dual Stereo Headphone Amplifier

Revision 1.0

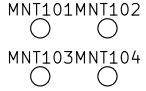
This takes differential inputs and feeds these through manual volume controls.
The output stage is a generic class B op-amp amplifier.



Power supply input
+/-9Vdc



Mounting Holes



Sheet: /
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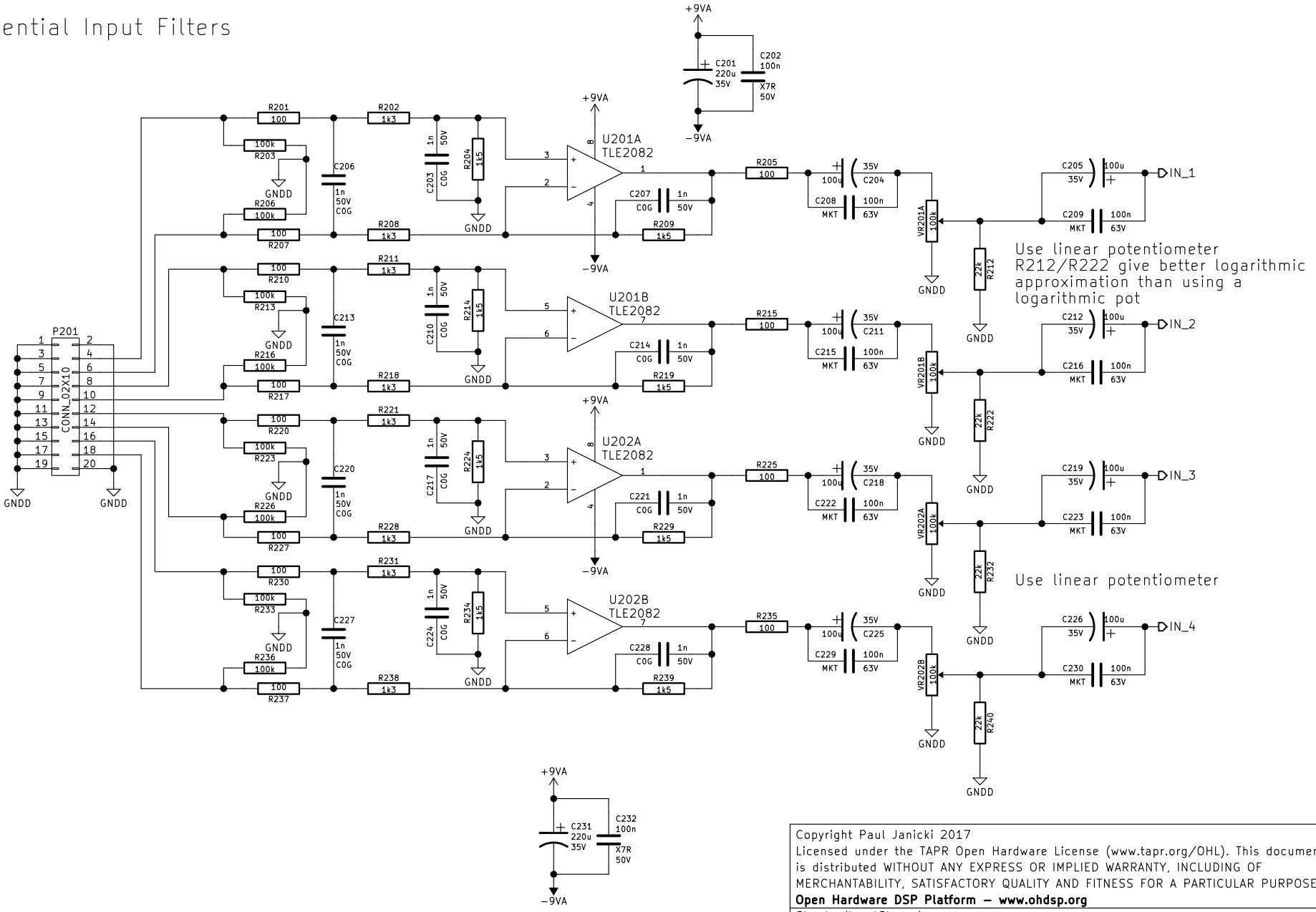
Size: A4	Date: 2017-03-22	**Rev: 1.0**
KiCad E.D.A. kicad 4.0.5		Id: 1/3

Differential Input Filters



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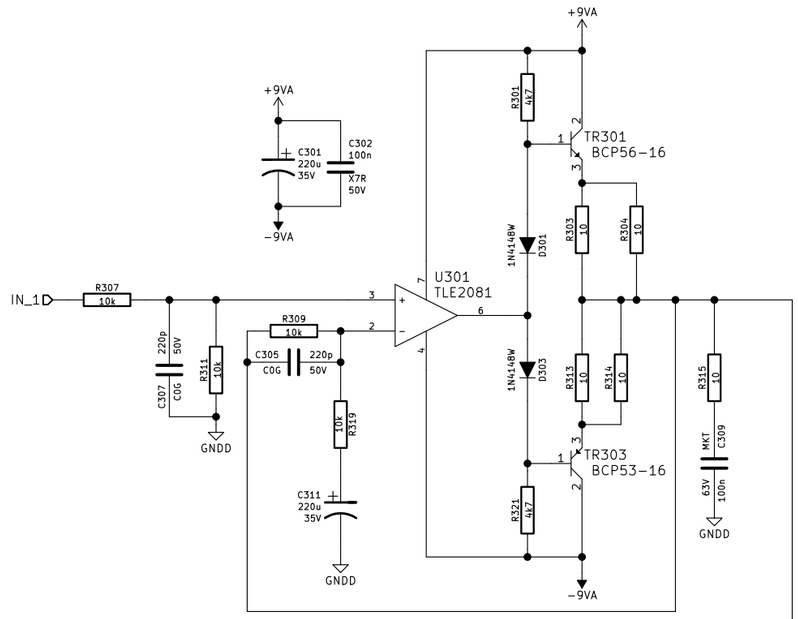
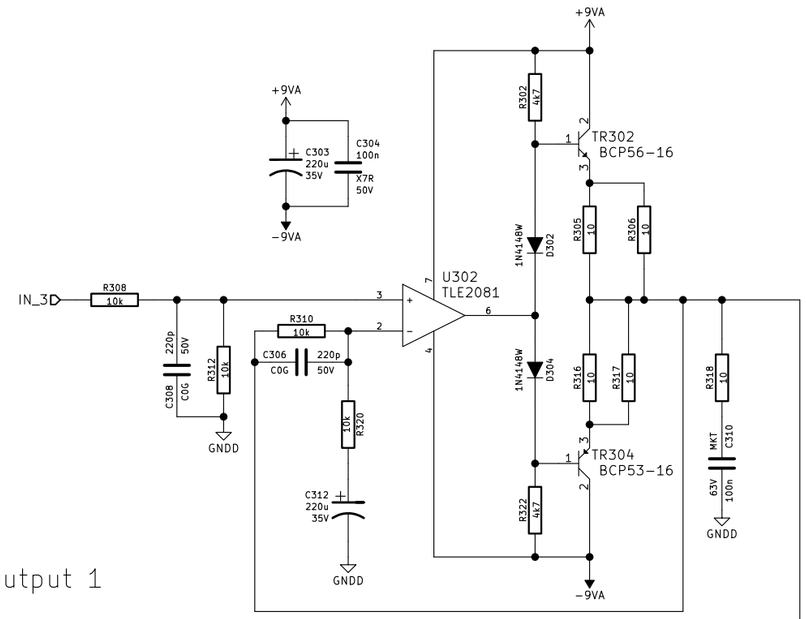
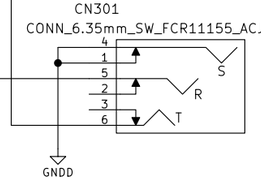
Discrete Dual Stereo Headphone Amplifiers

Overall gain set to 0dB as ADAU1966 has high output voltage.
Gain can be changed by adjusting R319, R320 etc.

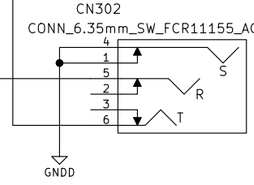


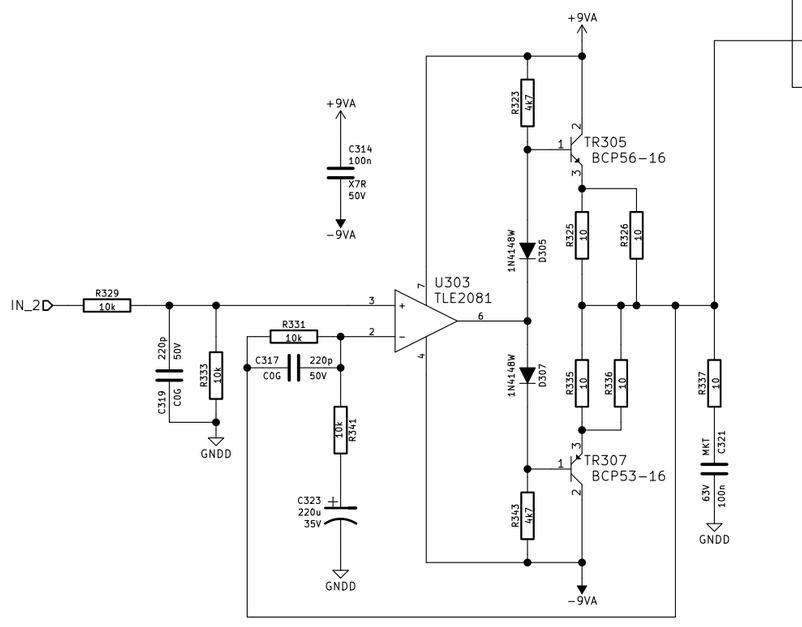


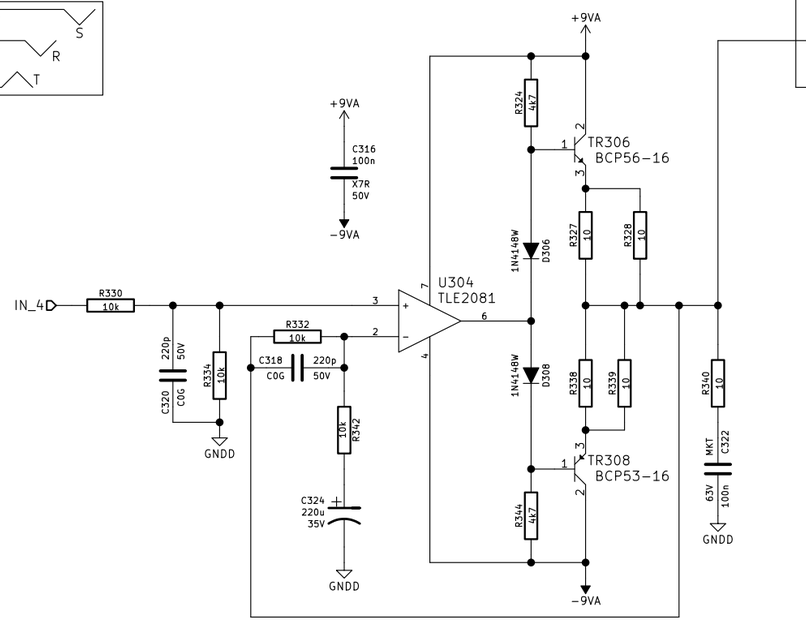
Output 1



Output 2







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