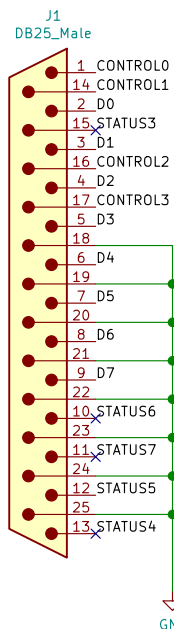


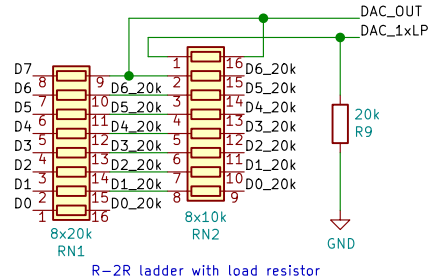
Power supply



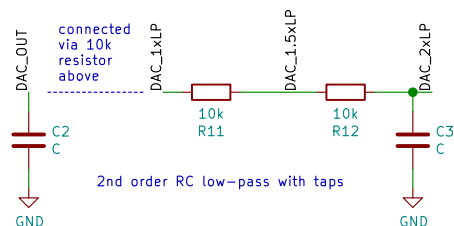
Parallel port

Note:
8x20k can be one of
- CTS 767163203G
- BI Technologies 8A203
- Bourns 4816P-1-203(LF)

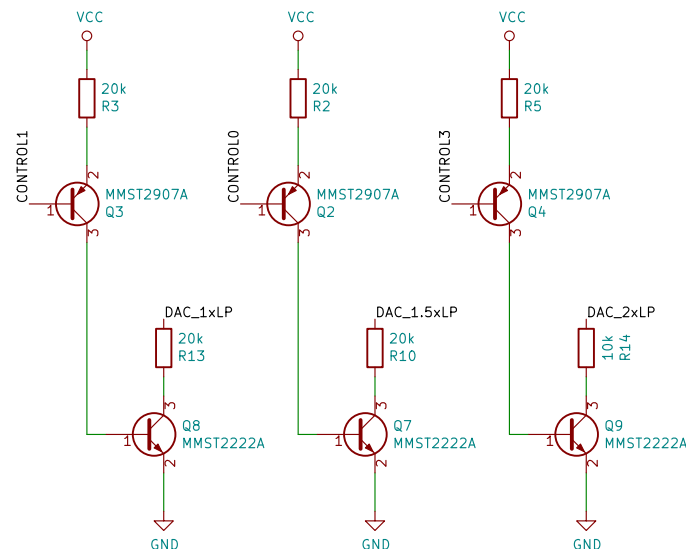
Note:
8x10k can be one of
- CTS 767163103G
- BI Technologies 8A103
- Bourns 4816P-1-103(LF)



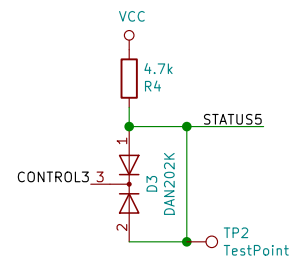
Digital to analog conversion



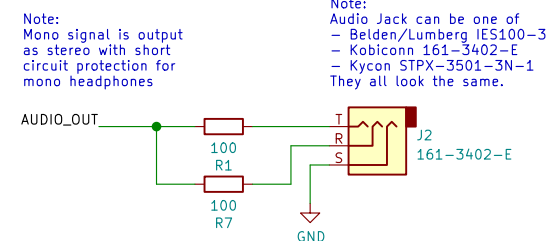
DAC & amp output filtering



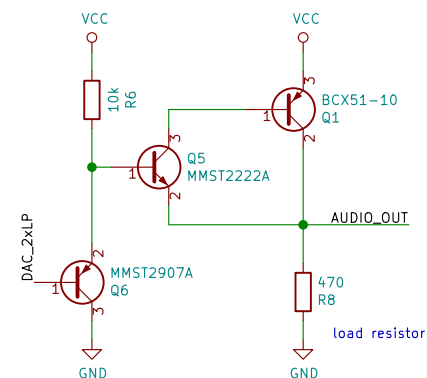
Volume control



Hardware detection



Audio output



Output amplifier

Note:
This schematic uses ordinary SC-59 packages, while the relevant components actually all use reversed SC-59 packages.
Pin numbers 1 and 2 have therefore been swapped. The pin positions remain identical.

Parallel Port Headphone DAC

Port-powered, with volume control
(SoundJr replica)

Benedikt Freisen

Sheet: /

File: parallel_port_headphone_dac.sch

Title: Parallel Port Headphone DAC

Size: A4 Date: 2019-05-10

KiCad E.D.A. kicad 5.1.2-5.1.2

Rev:

Id: 1/1