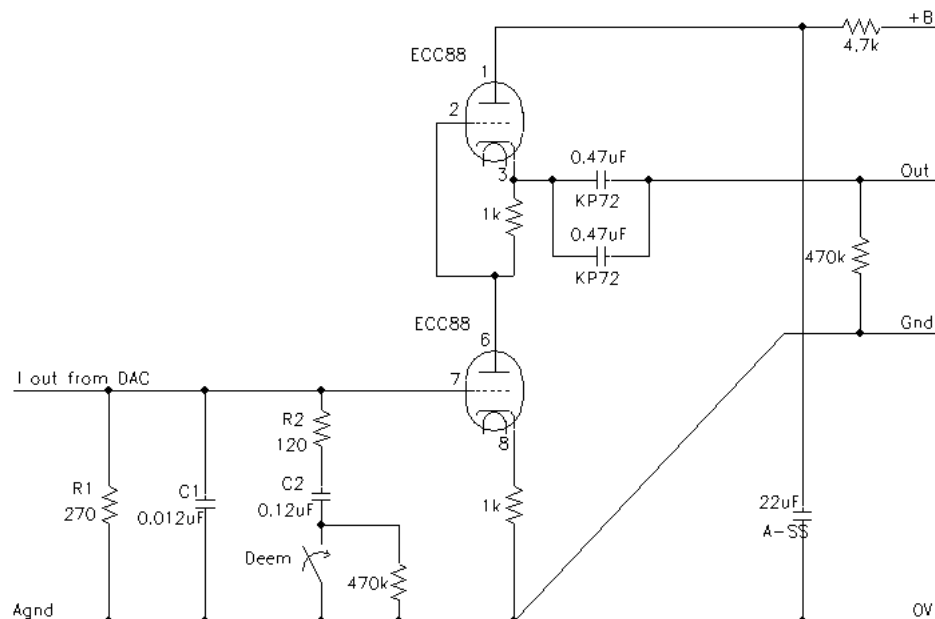


Thorsten's ECC88 SRPP for DAC (needs adjustments for TDA1541, see below)



KP72 - Foil & Film Polypropylen Capacitors 1000V DC Rating Arcotronic KP72 Series (RS Components)

OR LCR PC.HV.S Series (FARNELL)

C1,2 - Polystyren Capacitors

A-SS - Ansar Supersound metalised polypropylen Capacitor, 400V DC Rating or equivalent

All Resistors Holco H4, Vishay EE10 or better

Universal DAC Outputstage
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“Now to the PCM63 and TDA1541. The TDA 1541 is still one of the absolute best sounding DAC Chip’s ever made (followed closely by the PCM63). Both Chips are also fundamentally different from most other DAC’s of their kind by delivering 0 to 4mA output current. In order to keep the error due to the non-zero impedance of the I/V conversion node limited it is essential to reduce the resistors in the circuit accordingly (halve their values) and to increase the capacitors (double their value). Yet we are still not there.”

“In our own little circuits the offset matters little and hence we can safely employ this scheme. The highest value of I/V conversion resistor usable before significant distortion becomes notable is 100 Ohm in this case for the PCM63. Similar Limitations apply to the TDA1541.

We hence need to substitute the following values:”

R1 = 100 Ohm

R2 = 43 Ohm (44 Ohm accurately)

C1 = 33nF

C2 = 330nF (320nF accurately)