DIAL

DIAL-DAC
DAC1793 for Raspberry Pi

I2S Driver:

Most generic I2S drivers will work with this DAC, Hifiberry and PCM1794 based DAC drivers can also be used. Please note 16bit playback is not supported by some drivers.

I recommend Moode Player http://moodeaudio.org/
- Select at MPD settings I2S audio device
- Install at the system configuration Linux kernel advanced. (advanced kernel supports 64fs bitblock)
- Select at the system audio settings one of these drivers:
  DIAL-DAC (from Moode 3.8.)
  Generic-2 I2S (rpi dac)
  Rpi-DAC
- if you prefer upsampling, try 32bit/192kHz, sounds better than upsampling to24bit/192kHz, output stream will be always 24bit.

Volumio 1.55
- driver: Hifiberry DAC
- resampling to 24bit plays all files

Volumio2:
- driver: Generic I2S, Soekris dam 1021 or Hifiberry DAC
- use version 2.163 for upsampling

PiCore Player:
- driver: RPiDAC

Power supply:

A symmetrical power supply with a voltage of +- 12-15V is required. I recommed a audiophil linear power supply of minimum 2x 100mA.
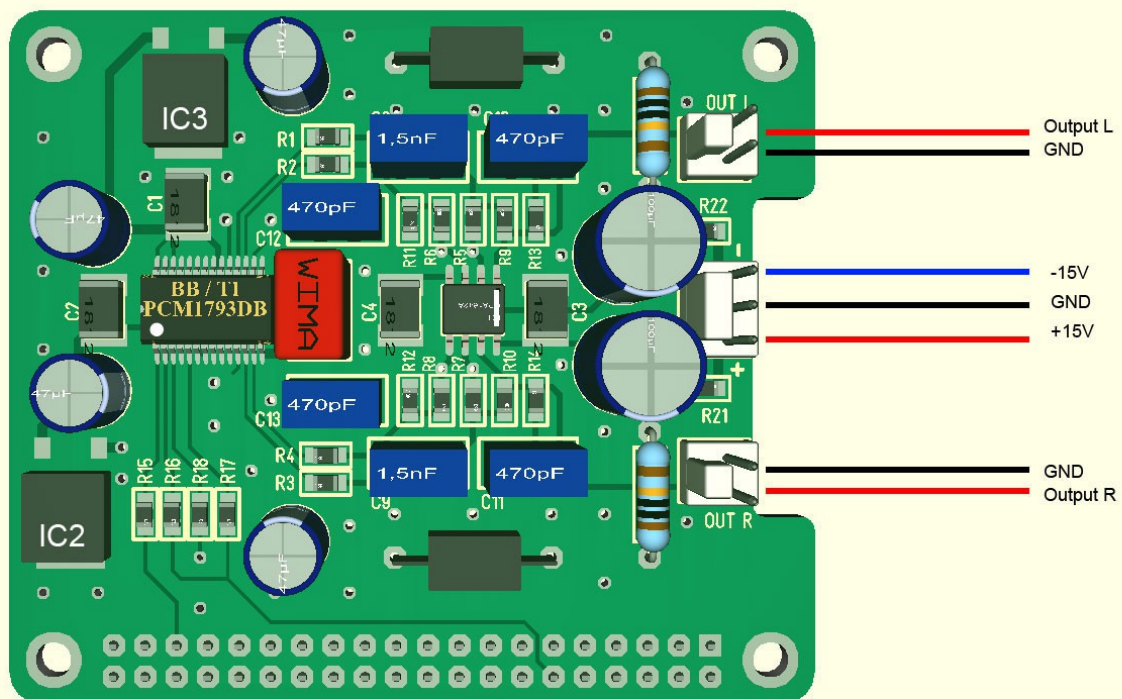
Current consumption:
+15V ca. 25mA
-15V ca. 10mA.

Specifications:

- 24-Bit Resolution
- up to 200kHz sampling frequency
- Dynamic Range: 113 dB
- THD+N: 0.001%
- Full-Scale Output: 2.1 V rms
- 8× Oversampling Digital Filter
- Analog Low Pass Filter fc=83kHz

Connections:

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