

Audio DAC-1

24 bit, 8 oversampling



Specifications:

The Number of channels: 2 (stereo)
 Standard Digital Audio Interface: S/PDIF, AES-3
 Type of the input connector: RCA (coaxial 75 Ohm)
 TOSLink (optical) Data Rate 12 Mbit/s
 Jitter System Clock: 75 ps (75×10^{-9})
 Format input signal: S/PDIF, AES-3
 Input Audio Data Word: 24 bit,
 Sampling Frequency F_s : 32 kHz - 96 kHz
 Digital filtering: 8x oversampling Digital Interpolation Filter
 Type of DAC: R-2R, "BiC MOS Sign Magnitude"
 The Number analog output:
 1- standard (stereo) RCA
 Type output stage: Low-Noise, Low Distortion operational amplifiers.
 Output impedance: 10 Ohm (60 mA)
 The Performance: printed board, surface mount.
 The Power supply unit: (2 toroidal transformers);
 Weight: 1,5 kg
 Sizes: 220x160x50 mm
 Body: Aluminum

The Block diagram

