Specifications

ANALOG INPUTS: 6 (RCA)
ANALOG OUTPUTS: 8 (RCA)
DIGITAL INPUTS: 1 coaxial (RCA), 1 optical (toslink), MOS-BTS (optional)
DIGITAL OUTPUTS: 1 optical (toslink)
NATIVE SAMPLE RATE: 96 kHz / 24-bit
DSP PERFORMANCE: 294.912 MHz, 32-bit SigmaDSP (ANALOG DEVICES)
            3072 SIMD instructions per sample at 96 kHz ASRCs
            from 1:8 up to 7.75:1 ratio and 139 dB DNR
ADC PERFORMANCE: Burr Brown 24-Bit
            107 dB Dynamic Range
            -93 dB THD+N
DAC PERFORMANCE: 112 dB Dynamic Range
            -94 dB THD+N
            DAC Bias Differential voltage output

INPUT MODE: Low Level (LL) / High Level (HL)
INPUT IMPEDANCE: 12Kohm (LL) / 47ohm (HL)
INPUT SENSITIVITY: 1.2Vrms ÷ 8Vrms (LL) / 3Vrms ÷ 20Vrms (HL)
INPUT REGULATION: 16.5dB ÷ 0dB
MAX OUTPUT SIGNAL: 8Vrms
OUTPUT IMPEDANCE: 600 ohm
HARDWARE MUTE: yes
S/N RATIO: >100dB "A" (typ. 105dB "A")
THD DISTORTION: <0.003% @ 4Vrms
FREQUENCY RESPONSE: 10Hz ÷ 40KHz
CHANNEL SEPARATION: >90dB (@ 100Hz)
CHANNEL SEPARATION: >90dB (@ 1KHz)
CHANNEL SEPARATION: >70dB (@ 10KHz)
SUPPLY VOLTAGE: 10V ÷ 16V (6V tolerant to sustain engine crank)
DC-DC CONVERTER: Transformer coupled, Current-Mode, Flyback converter
CONVERSION FREQUENCY: 52KHz
AUTOSENSE: OFF / BTL / SE
SEPARATE REMOTE OUT: yes
REMOTE CURRENT: 100mA max (Internally limited)
COMMUNICATION: USB, Optional: RCD/RC-MINI, MOS-BTM, MOS-BTS, RTC HUB