



AUDIO CODEC STEREO 24-BIT – AIP-CODEC24B96K1V8

FEATURES

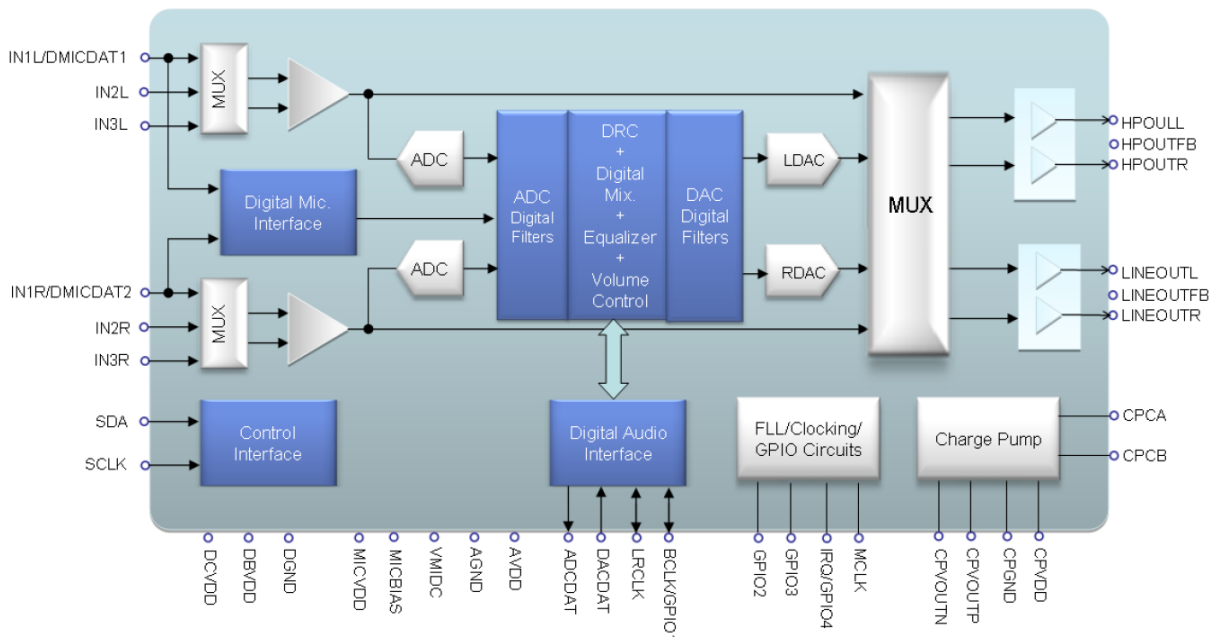
- ▶ Supply: 1.8V analog, 1.0-1.8V digital
- ▶ DAC SNR: 96dB typ, THD: 86dB typ
- ▶ ADC SNR: 91dB typ, THD: 80dB typ
- ▶ Sampling rate: 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48, 88.2, 96KS/s
- ▶ Pop noise reduction
- ▶ Ground-referenced Headphone driver
- ▶ Internal Fractional-N PLL Clock Generator
- ▶ Power Consumption:
4mW quiescent DAC to headphone playback
2.4mW quiescent analog bypass playback
- ▶ Total core area: NDA required
- ▶ Temperature: -40C to 85C

OVERVIEW

- ▶ 24-bit High-Performance Low-Power Stereo Audio Sigma-Delta ADC in standard CMOS process.
- ▶ Fully integrated with control and internal reference generators.
- ▶ Stereo inputs or Mono input.
- ▶ Ideal for portable media players, smart phones, tablets and voice recorders applications.

IP STATUS

- ▶ SILICON VERIFIED



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www.advsensor.com
contact@advsensor.com
 3945 Freedom Circle, Suite 710,
 Santa Clara, CA 95054, United States