

# New 6 & 8-Channel DACs Deliver Highest Audio Performance for Surround Sound Applications

## CS4362/82 Features

- 6-channel (CS4362)
- 8-channel (CS4382)
- 24-Bit conversion
- Up to 192 kHz sample rates
- 114 dB dynamic range
- -100 dB THD+N
- Supports PCM and DSD data formats
- Selectable digital filters
- Volume control with soft ramp  
1 dB step size  
Zero crossing click-free transitions
- Dedicated DSD inputs
- Low clock jitter sensitivity
- Simultaneous support for two synchronous sample rates for DVD Audio
- $\mu$ C or stand-alone operation
- 6 mute output pins (CS4362)
- 2 mute output pins (CS4382)
- Pin-compatible devices for easy upgrade path
- Available in a 48-Pin LQFP
- CS4362 Price: \$5.35 (10K)
- CS4382 Price: \$6.50 (10K)



Actual Size



Need the best DAC for audio entertainment applications? Looking for a DAC that supports both DVD Audio and SACD? Check out CS4362 and CS4382! They're complete 6 and 8-channel digital-to-analog systems with all the features you need for all multi-channel audio applications. Features like digital interpolation, fifth-order Delta Sigma digital-to-analog conversion, digital de-emphasis, volume control and analog filtering. Both accept PCM data at sample rates from 4 kHz to 192 kHz, DSD audio data, and operates over a wide power supply range. Design CS4362 (6-channel) or CS4382 (8-channel) into your next generation DVD players, SACD players, A/V receivers, car audio systems, mixing consoles, effects processors, outboard converters, and set-top box systems.

CS4362 and CS4382 set the analog performance standard for multi-channel D/A converters—premium sound quality is a result of the industry's best dynamic range performance (114dB) and THD+N (100dB) specifications. Both support next generation audio formats such as DVD Audio (192kHz sample rates) and Super Audio CD (Direct Stream Digital or DSD) making it the ideal solution for multi-channel audio products. Designers can utilize this high performance along with other features, such as selectable digital filters, to improve the performance and sound quality of their audio applications. Ease of design, integration, and a flexible feature set allow manufacturers to minimize time to market while maximizing performance and consumer affordability.