

Single Chip Audio System

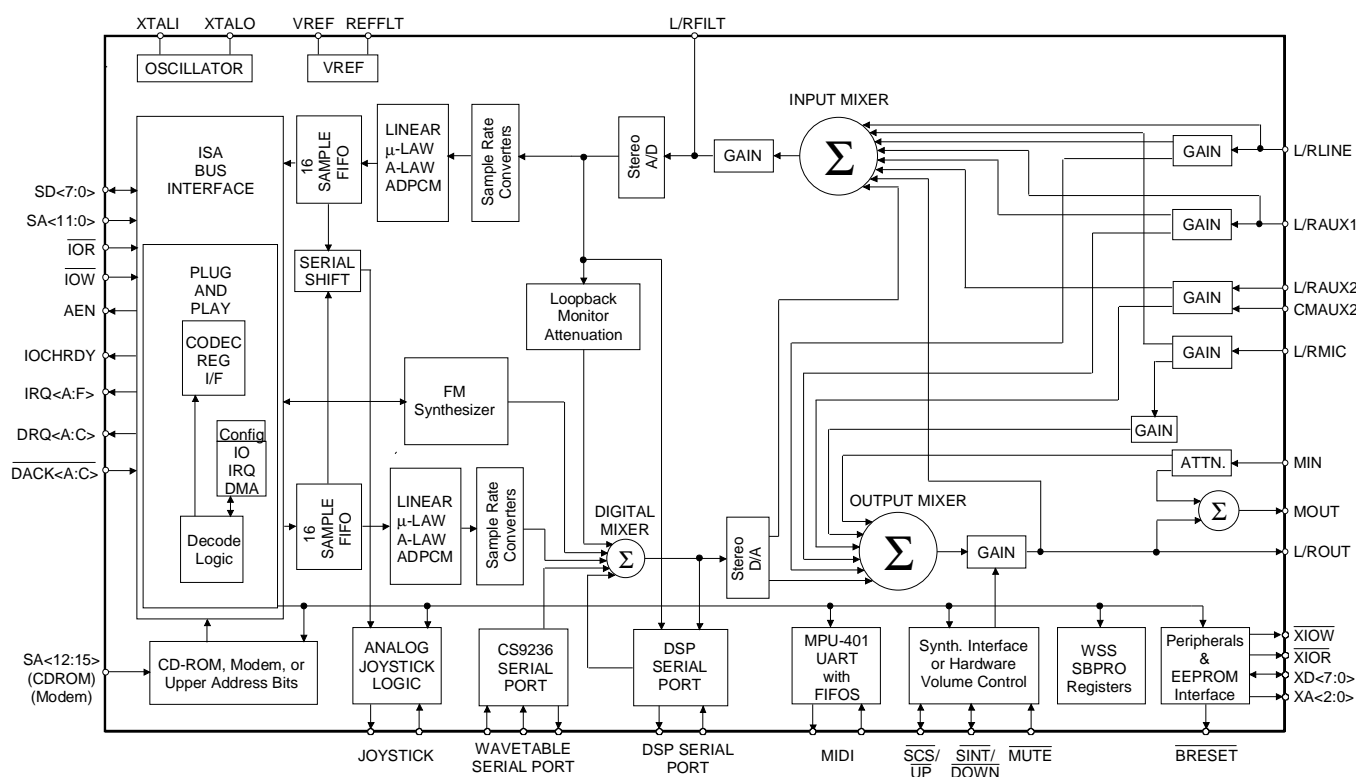
- Compatible with Sound Blaster™, Sound Blaster Pro™, and Windows Sound System™
- Advanced MPC3-Compliant Input and Output Mixer
- Enhanced Stereo Full Duplex Operation
- Dual Type-F DMA Support
- Industry Leading Delta-Sigma Data Converters
- Fully Plug-and-Play ISA Compatible
- 3.3V or 5V ISA Bus Operation
- Programmable Power Management
- Hardware Master Volume Control
- Joystick Port and MPU-401 Compatible MIDI Interface
- Optional Enhanced IDE CD-ROM Interface
- CS9236 Wavetable Digital Audio Interface
- 16-Bit Address Decode Support
- CS4236/CS4232/CS4231 Register Compatible

General Description

The CS4236B is a single chip multimedia audio system that is a pin-compatible upgrade to the CS4236. The CS4236B adds an input mixer and a wavetable-synthesis interface to the industry standard CS4236. The CS4236B is compatible with the Microsoft Windows Sound System standard and will run software written to the Sound Blaster and Sound Blaster Pro interfaces. The CS4236B is fully compliant with Microsoft's PC '97 and WHQL audio requirements. In addition, the CS4236B includes hardware master volume control pins as well as extensive power management control over each internal logical section.

ORDERING INFORMATION:

CS4236B-KQ 100 pin TQFP, 14x14x1.4mm



Advanced Product Information

This document contains information for a new product. Crystal Semiconductor reserves the right to modify this product without notice.