

AMD Geode™ CS5536 Companion Device

• GeodeLink™ Interface Unit

- 64-bit, 66MHz operation
- PCI VSM (Virtual System Module) that makes the interface transparent to applications software and BIOS
- Programmable routing descriptors, use and activity monitors, and SSMI (Synchronous System Management Interrupt)

• ATA-6 Controller

- 100 MB/second IDE Controller in UDMA mode per the ATA-6 specification
- 5V interface

• Flash Interface

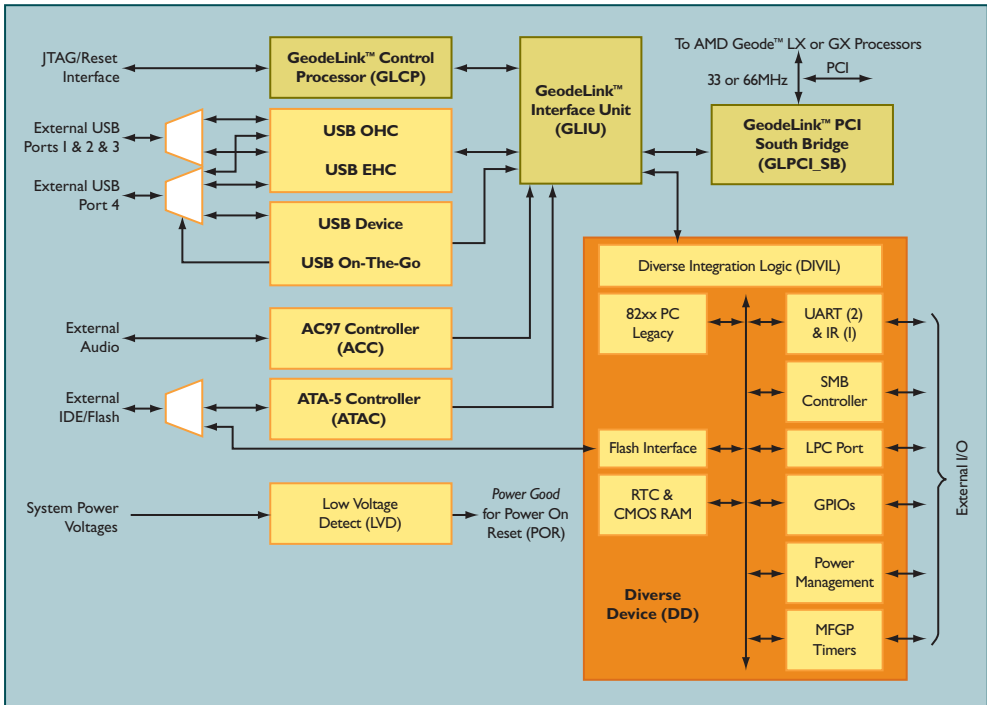
- Multiplexed with IDE interface
- Connects to an array of industry-standard NAND Flash and/or NOR Flash

• USB Controller

- 4 USB ports
- Supports both USB 1.1 and USB 2.0
- 3 host ports
- 1 host/device

• Audio Codec 97 (AC97) Controller

- AC97 specification v2.3 compliant interface to multiple audio codecs: Serial In, Serial Out, Sync Out, Bit Clock In
- Legacy “PC Beep” support



• Diverse Device

- 82xx Legacy Devices
- IR Communication Port
- System Management Bus (SMB) Controller
- LPC (Low Pin Count) Port
- General Purpose I/Os (GPIOs)
- 8 Multi-Function General Purpose Timers (MFGPTs)

- Real-Time Clock (RTC) with CMOS RAM

- Power Management Controller

- ACPI v2.0 compliant

Ordering Information

- OPN: CS5536AC, CS5536AD

About AMD

AMD (NYSE:AMD) designs and produces innovative microprocessors, Flash memory devices and low-power processor solutions for the computer, communications and

consumer electronics industries. AMD is dedicated to delivering standards-based, customer-focused solutions for technology users, ranging from enterprises and governments to individual consumers.

For more information visit www.amd.com.

For more information, please visit www.amd.com/cs5536

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