



TECHNICAL INFORMATION

ALS-G3-2368PCI

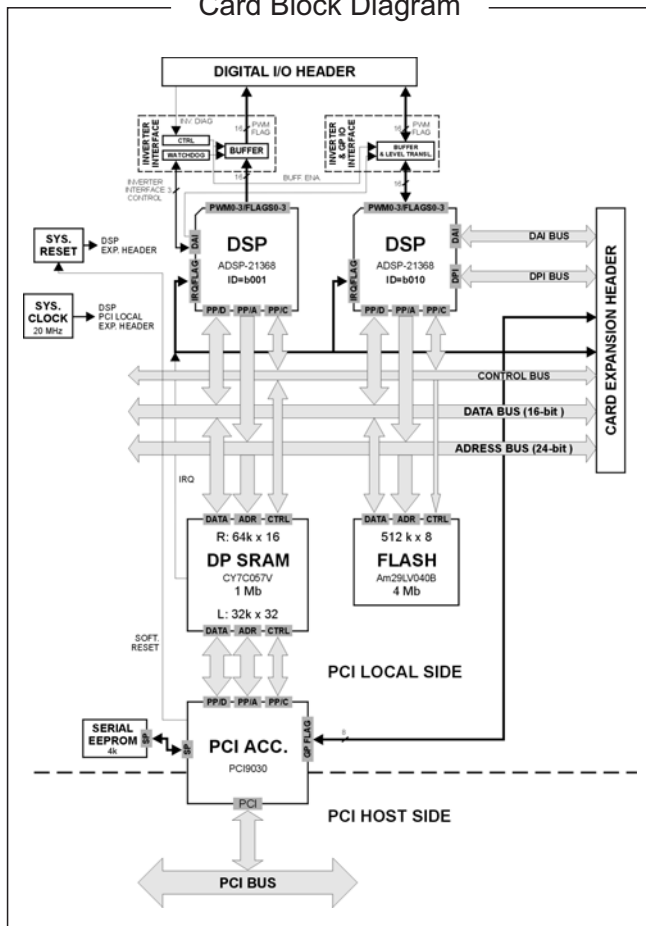
DSP/PCI CARD FOR INDUSTRIAL MEASUREMENT AND CONTROL PURPOSES



Card Features

- **Card compliant with PCI Rev. 2.0**
- **DSP Block**
Two Analog Devices floating point DSPs ADSP-21368 (2 Mb SRAM, 333 MHz Core Clock, 666 MIPS, 2 GFLOPS)
- **Shared Memory**
Dual Port SRAM: 1Mb (32kx32 - Host Side, 64x16 -Local Side);
Flash Memory(Boot Memory): 512kx8
- **Power Electronics & Digital GP Interface**
32-channel PWM Generator / 16 O + 16 I/O Digital Lines (FLAGS)
- **PCI Accelerator**
PLX Tech. PCI9030 configured in Non-Multiplexed Mode; PCI (Host) Side: 33 MHz / 32-bit, Local Side: 20 MHz / 32-bit
- **Communication Interfaces: PCI, JTAG**
- **Expansion Header**
- **Power requirements**
5V / 2.5 A
- **Standalone mode available**

Card Block Diagram



Available Software and Compliant Development Tools

- **HOST Side** - supported by PLX Tech.: WINDOWS 98/2000/XP/NT Drivers, Diagnostics Software and C/C++ Library Modules
- **LOCAL Side** - supported by Analog Devices/CROSSCORE: VisualDSP++ Rev. 5.0, JTAG Emulators: ADDZ-USB-ICE, ADDZ-HPUSB-ICE, ADDS-HPPCI-ICE

Card specification could be object of changes without notices !

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