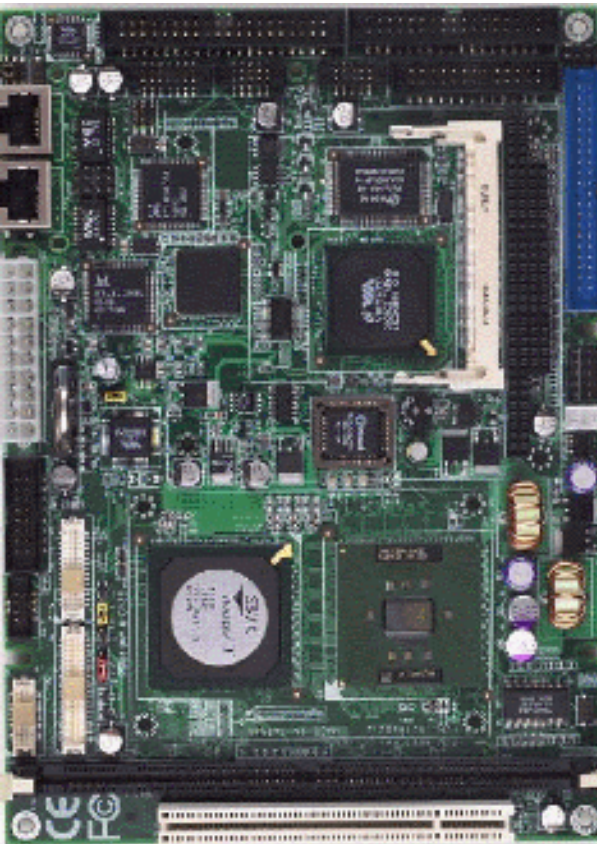


PCM-6892



Onboard Intel® ULV Celeron® Processor

18/36-bit TTL/LVDS LCD Support

3D Graphics Accelerator with TV-Out support

Dual 10/100Mbps Fast Ethernet

AC-97 2.1 High-Quality Audio

Supports Type II CompactFlash

Supports Type II PCMCIA, Type III Mini PCI and PCI Slot

4 COM and 4 USB

+5V Only Operation

The PCM-6892 targets home automation, POS, Networking, and Kiosk/POI markets. To fulfill the critical demand of these markets, PCM-6892 features a PCMCIA expansion interface, large size display support ability, low profile design, dual LAN and yet still remains a cost-effective solution. The PCM-6892 comes with a VIA 8606 Twister T North Bridge integrated AGP 4X 2D/3D graphics accelerator. The Twister video chip will drive 18 bit/36 bit dual channel LVDS and TTL LCD Displays in addition to a standard analog CRT display. This board offers two alternatives of power supply type: AT and ATX. You can select whichever is suitable for your application. The ATX power supply board features power management to minimize power consumption. It complies with the ACPI standard and supports two types of power-saving features: Doze mode and Suspend modes. Dual 10/100Base-Tx Ethernet controllers provide superior networking access ability. The CompactFlash socket can offer a large solid-state Flash Drive for data storage of all types and the integrated

AC97 2.0/Sound Blaster legacy audio provides crisp clean sound for multimedia applications. The onboard PCMCIA slot and the Mini PCI socket can be widely used for IEEE 1394, Modem, Wireless LAN, Storage, Sound Card and SCSI etc. Equipped with the above functions, this versatile board can be easily applied to a variety of applications.PCM-6892 also includes four high-speed serial ports (three RS-232, one RS-232/422/485), one multimode (ECP/EPP/SPP) parallel port, four USB ports, 2 floppy drives, an Ultra DMA/100 Enhanced IDE controller supporting two devices with data transfer rate up to 100MB per second, and a keyboard/PS/2 mouse interface.

Specifications

Single Board Computers
Processor
Processor.

Onboard Intel Ultra Low Voltage Celeron

Clock Speed:

400 MHz

Real Time Clock:

Processor Misc.:

CPU Chipset: VIA VT8606 + VT82C686B

Memory
BIOS/ Bootloader:

AWARD 256KB FLASH ROM

Primary Flash:

Type II CompactFlash

Primary I/O
Disk interface.

1x EIDE (Ultra DMA 100)

Audio:

AC97 2.1 (mic-In/line-in/line-out)

Ethernet:

Dual 10/100 Base-TX RJ-45 Realtek RTL8100BL

USB:

4x USB 1.1

Watchdog:

Primary I/O Misc.:

I/O Chipset: Winbond W83977EF

Parallel port: SPP/EPP/ECP Printer port

IR interface: One IrDA Tx/Rx header

Secondary I/O
LPT Port.

Keypad:

PS/2:

Analog on
A/D.

D/A:

Dimensions
Dimensions.

8 × 5.75 in

Weight:

0.5 kg

Form Factor:

Full EBX

Power Requirements
Voltage:

5 V

Typical Current:

3 A

Typical Voltage:

5 V

Environmental
Low Operating Temperature:

0 C

High Operating Temperature:

60 C

Pricing
PCM-6892-0

PCM-6892-0

\$0.00

PCM-6892-1

PCM

\$0.00

PCM-6892-2

PCM

\$0.00

PCM-6892-3

PCM

\$0.00

Wiring Kits:

PCM-10489-6

Cable Kit

\$37.00

Source URL: <https://www.emacinc.com/content/pcm-6892>