

PIA-3210

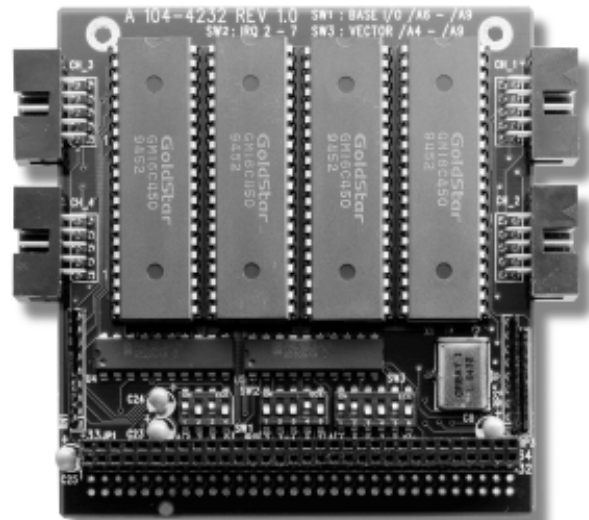
SoundBlaster Module

The PIA-3210 uses the ESS 1688 *AudioDrive*® single mixed signal chipset. It can add 16-bit stereo A/D D/A and 20-voice FM music synthesis to your application. The module can record, compress and playback voice, sound and music with its built-in 6-channel mixer controls. It is backward compatible to OPL 3 and has enhanced capabilities for superior sound quality with ESFM™ music synthesis.

- Single / mixed channel 16-bit stereo, 20-voices ESFM
- 6-channel mixer, mixer controlled record / playback
- Programmable sample rate from: 4 ~ 48 KHz
- MPU401 (UART mode), Sound Blaster midi interface for wavetable synthesizers
- PC-speaker I/O with volume control
- Software address mapping, DMA, IRQ for Plug and Play
- Supports FM music synthesis in OPL3 mode
- Programmed I/O and DMA transfers including demand transfer DMA
- Supports Windows 3.1, Windows 95, Windows NT and Windows Sound System, IBM OS/2
- Supports applications for Sound Blaster and Sound Blaster Pro mode

ORDERING

- PIA-3210** : SoundBlaster Module



PIA-350

4-port RS-232 Module

The PIA-350 provides four PC compatible asynchronous serial ports, each of which can be configured for RS-232 operation. Addresses and interrupts are jumper selectable, and more than one PIA-350 can be used in any PC/104 system. All four ports share a single interrupt.

- 4 RS-232C asynchronous ports
- 4 x 16550 UARTs
- Supports: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
- Interrupt select : 2, 3, 4, 5, 7
- RS-232 modem control signals
- I/O address : 100h to 300h
- Baudrate: up to 115.2 Kbps
- Power Requirements : single 5V @ 250 mA
- Operating Temperature : 0 ~ +55°C

ORDERING

- PIA-350** : PC/104 Four port RS-232 Module