EX-9387
CPU Module

PC/104 386SX

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Key Specifications/Special Features:

■ **CPU + Chipset**: Ali M6117C system chip with embedded 386SX-40 CPU

■ **BIOS**: AMI system BIOS

■ **Green Function**: BIOS support Power saving options, DOZE / STANDBY / SUSPEND modes

■ **DRAM Memory**: 4MB DRAM soldered on board

■ **Bus Interface**: PC/104 form factor

■ **Data Bus**: 16-bit

■ **Bus Speeds**: ISA - 8MHz, PC/104 - 8MHz

■ **DMA Controllers**: 8237 x 2

■ **DMA Channels**: 7

■ **Interrupt Controllers**: 8259 x 2

■ **Interrupt Levels**: 15

■ **Enhanced IDE**: supports one port up to two hard drives or Enhanced IDE devices of PIO mode 4, BIOS enabled/disabled

■ **Watchdog Timer**: generates a system RESET or NMI when your application loses control over the system. The watchdog is configurable at 1, 2, 10, 20, 110 pr 220 seconds

■ **Real-time Clock**: DS12887/BQ3287 or equivalent chip and quartz oscillators, 128KB CMOS memory, powered by lithium battery for 10-year data retention

■ **Keyboard and Mouse Connectors**: Mini DIN connector for AT keyboard and PS/2 Mouse. Also support internal 5-pin header for AT keyboard

■ **I/O Chipset**: SMC 37C669

■ **Parallel Port**: One bi-directional SPP/EPP/ECP parallel port configured as LPT1,2,3

■ **Serial Port x 2**: 16-byte FIFO 16C550 serial port jumper selectable RS-232 x 1 + RS-232/422/485 x 1

■ **Power Requirements**: Single Power +5V @ 1.7A

■ **Board Dimensions**: 90mm x 96mm (PC/104 form factor)

■ **Board Weight**: 0.12Kg

■ **Operating Temperature**: 0 ~+60oC

Main Export Markets:

- Worldwide