# MP954R8

## PCI 32bit 8 Serial Card (RS232)(16C950 )

Features:



- Multi-function PCI Bus Specification 2.2 and Power Management 1.0 compliant
- Four full-duplex asynchronous channels
- IEEE1284 EPP parallel port
- Multi-function target PCI controller facilitates using
  generic device drivers in combo applications
- 128-byte deep FIFO per transmitter and receiver
- Fully software compatible with 16C450, 16C550, 16C650,
  16C750 and 16C950 UARTs
- Supports Big Endian byte-lane conversion
- Supports Plug and Play using optional non-volatile configuration memory (EEPROM)
- Pass-through function supports 8/32-bit Local Bus running asynchronous to PCI clock
- UARTs, Local Bus and Parallel port configured with IO or memory base address
- Local Bus offers up to 4 chip selects mapped to 4-256 bytes of I/O and 4-16K of memory address space
- 12 multi-purpose IO pins which can be configured to interrupt input pins
- Serial ports offer Good-Data status
- Flexible baud rate clock prescaler
- Isochronous mode using external x1 baud rate
- Automated in-band flow control using programmable Xon/Xoff in both directions
- Automated out-of-band flow control using CTS#/RTS# and DSR#/DTR#
- Readable flow control status and FIFO levels
- Arbitrary FIFO thresholds for interrupts and automatic flow control
- Infra-red (IrDA) receiver and transmitter
- Supports 5, 6, 7, 8 and 9 bit data framing
- Support Win98SE/ME/2000/XP
- 5.0V operation
- 160 TQFP package