MSM8C104EX - Multiport COM Board

Features

- 8 Ch. Serial high speed interface
- 8x RS422/485 up to 2Mbit/s, 256 devices or
- 8x RS232C up to 115k baud, 128 byte TX/RX-FIFO
- Software and FPGA configurable flow control
- PCI-104 Pass Through Connector



Technical Specifications

FEATURE	MSM8C104EX
Part no. (PCIe + PCI) 8 channels	801725
Part no. (PCIe + PCI) 16 channels	801726
Part no. cable kit (4x DSUB9)	802036 (2x kit)
Function	8 channel serial port
ISA-BUS	-
PCI-BUS	pass-through PCI-104
PCI Express-BUS	1x lane
BUS compatibility	PCI/104-Express
Controller	8 ch. UART
Memory	-
Alternative interface 1	8 ch. RS232C (+/-9V)
Alternative interface 2	8 ch. RS422 (1/8 load)
Alternative interface 3	8 ch. RS485 (1/8 load)
Power normal (typ.)	5V/3W
Power management	
Operating temperature	-20°C to +70°C
Extended operating temperature	-40°C to +85°C
Size (W x L x H in mm)	90 x 96 x 17
Weight	70 g
Software support	XP VISTA
MTBF	200'000h
Special features 1	RS422/85:TX RX CTS RTS +/-
Special features 2	8x onboard termination
Special features 3	Expandable to 16 channels

Description

The MSM8C104EX MICROSPACE® PCI/104-Express expansion card has a choice of either 8 or 16 serial interfaces available. Each channel can be singly selected as RS232C (+/-9V) or as RS422/485 each with 4 paired wires (TxD, RxD, CTS, RTS).

Ordering Guide

Item Code	Part #	Description
MSM8C104EX	801725	With PC/104+, 8 COM, 232/422/485 (422/485 up to 2Mbit/s)
MSM16C104EX	801726	Extension board for MSM8C104EX to get 16 ports
MSM4E104EX	801727	With PC/104+ connector, 4 LAN 1Gb (4 x i82574)

Data subject to change without notice

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