



StarFabric
 (2x Rx, 2x Tx)

Highlights

- _ StarFabric bridge
- _ 2 channels
- _ PCI to StarFabric
- _ StarFabric to PCI
- _ PC/104: pass-through

MSMSF104+

Description

The MICROSPACE® PC/104-Plus extension card MSMSF104+ has a StarFabric with 4x 2.5 Gbit transfer channels. This card in slave mode can distribute the PCI bus from one CPU card via StarFabric (2x CAT 5 cable) and in master mode generate PCI buses (like a CPU card), which contact up to 4 peripheral boards, out of the StarFabric network decentrally. The StarFabric bus works fully transparently like a PCI to PCI bridge. Thus very complex networks with up to 256 segments each with a length of 100 meters can be designed.

Applications

- _ Decentral PCI measurement cards
- _ Neural high-speed networks
- _ Redundant fault-tolerant networks

Technical data

Type	MSMSF104+
Function	StarFabric
ISA-BUS	-
PCI-BUS	yes
PCI Express-BUS	-
BUS compatibility	PC/104-Plus
Controller	SF2010
Memory	-
1. interface	4x RJ45
2. interface	-
3. interface	-
Power normal	3.3V/5V
Power management	-
Operating temperature	-25°C to +70°C
Extended operating temperature	-40°C to +70°C
Size (W x L x H in mm)	90 x 96 x 17
Weight	120 g
Softwaresupport	WINXP
MTBF	200'000h
Special features 1	Master mode
Special features 2	Slave mode
Special features 3	-
Part no.	801670

Option/accessories

Article	Description	No.