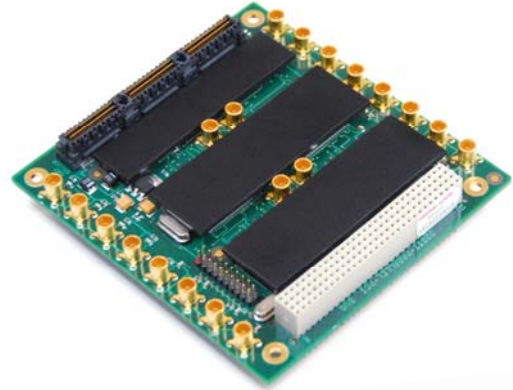advanced digital logic™

MSMG104EX-A Frame Grabber - Up to 16 Inputs with Vertical Connectors

Features

- **4x Frame grabber BT878 (with PCIe/PCI Bridge)**
- **Up to 16 cameras**
- **PCI Express-Bus**
- **Banwidth for sim. capturing 3x PAL/NTSC resolution**
- **PCI-104 Pass Through Connector**

Shown with MSMG104EX-Cable

Technical Specifications

FEATURE	MSMG104EX-A
Part no. (PCIe + PCI)	801739
Function	4x Frame grabber
ISA-BUS	-
PCI-BUS	pass-through PCI-104
PCI Express-BUS	yes 1x lane
BUS compatibility	PCI/104-Express
Controller	4x BT878A PAL NTSC
Bandwidth	133MByte/sec. max.
1st interface (standard)	180° 16x Video MCX
2nd interface (alternative)	4x SVideo MCX
3rd interface	-
Power normal	5V 3.3V/6W
Power management	-
Operating temperature	-25°C to +70°C
Extended operating temperature	tbd
Size (W x L x H in mm)	90 x 96 x 17
Weight	95 g
Software support	WIN Linux
MTBF	100'000h
Special features 1	16 Digital I/O (TTL)
Special features 2	-
Special features 3	-
Accessories	MSMG104EX-Cable
	(MCX-BNC) (802610)

Description

This MICROSPACE® PCI/104-Express expansion card is equipped with four frame grabber controllers (BT878) which are directly connected to the PCI/104-Express bus over a PCI to PCIe bridge. This design allows simultaneous input of up to 4x 30 frames per second. Since each frame grabber has a 4 channel multiplexer available, a maximum of 16 video cameras can be connected.

Ordering Guide

Item Code	Part #	Description
MSMG104EX-A	801739	Above with vertical MCX connectors
MSMG104EX-Cable	802610	MCX-BNC, 200mm cable

Data subject to change without notice