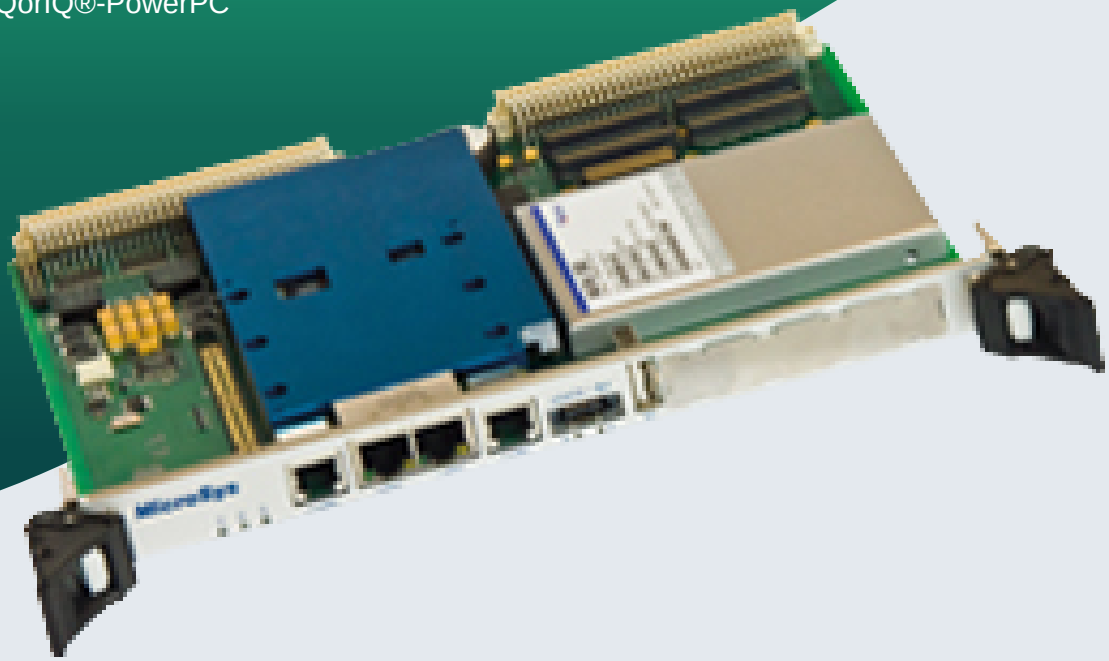
MicroSys
Creating Embedded Systems

VME

miriac® VME1013-1022 (EOL)

Power Architecture NXP® QorIQ®-PowerPC



Highlights

- 6U VMEbus CPU Board, 2eSST VME-Bus interfaceature
- Conforms to VMEbus specification ANSI/IEEE STD1014-1987- and ANSI/VITA 1-1994eature
- NXP® QorIQ® single core P1013 or P1022 dual core CPU, up to 1.0 GHz core speed
- up to 2 GB DDR2-soldered ECC RAM and up to 512 MB NAND Flash memory

NXP Gold Partner

Product Description

The product family addresses applications from low performance and power requirements up to high performance multi core usage profiles. The VME1013/1022 boards are operated by a QorIQ® P1013 single core or P1022 dual core processor. The boards are specified for rugged and harsh environmental conditions and versions for the extended temperature range of -40 °C to +85 °C a-re available on request.

Features

CPU	
Processor:	NXP® QorIQ® P1013 single core or P1022 dual core CPU, up to 1.0 GHz core speed
DRAM:	up to 2 GB DDR2-soldered ECC RAM
Memory	
Flash:	up to 512 MB NAND Flash memory
Flash Card:	1x microSD card connector
Graphic	
HDMI Interface:	1x HDMI on Front Panel
High Speed IO	
USB 2.0:	2x USB on Front Panel
SATA:	1x eSATA on Front Panel
SATA:	1x SATA interface for standard 2,5” on board mountable mass storage devices
Operating Condition	
Temperature:	0 °C to 70 °C, optional ext. temp. -40 °C to 85 °C
Mechanical	
Formfactor:	6U VMEbus CPU Board, 2eSST VME-Bus interface
Formfactor:	6U VMEbus CPU Board, 2eSST VME-Bus interface
Software / Additional	
Software Support:	Linux, Microware® OS-9, VxWorks, others on request
Additional:	CPU temperature monitoring

General Note:

NXP Gold Partner

MicroSys
Creating Embedded Systems

Mühlweg 1
82054 Sauerlach
Germany

Sales: +49 8104 801-130
E-Mail: info@microsys.de
www.microsys.de