

Axvme2000

COM Express VME Carrier board

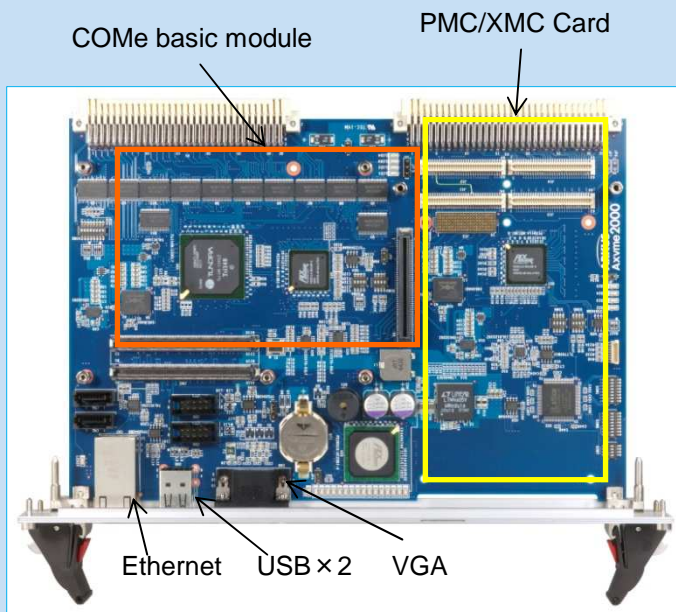
Features

COM Express

- Setting COM Express CPU module, Axvme2000 works as a VME bus CPU board
- Get high performance by change CPU module

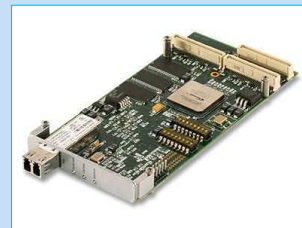
Change system

- Work as slave board, setting switched fabric PMC/XMC card



Specifications

COM-Express	COM Express basic Type2	
	TBD	
	CPU	Core2Duo/Pentium M
VME	TSi148 PCI-VME Bridge	
Ethernet	10/100/1000base	
Expansion	PMC:PCI 64bit/66MHz	
	XMC:PCIe x4	
Other hardware spec	USB1.1/2.0 SATA size:233.35 × 160 power:5 ±5% environment operation:0~40°C storage:-20~70°C humidity:under 90%RH	



PMC-5565 (GE Reflective memory)

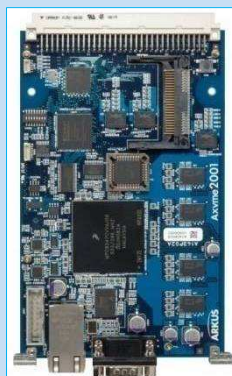
- Ultra High-speed, Fiber Optic Network for Distributed Processing Using Reflective Memory



○Axvme 2001 equipped on Axvme2000

Axvme2001

RAS daughter board



CPU	Freescale PowerQUICC II PRO 400MHz
FPGA	Xilinx Spartan-3A
memory	DDR2 SDRAM:256MB Flash:512KB (512K × 8bit) for boot Compact Flash:OS SDRAM:8MB
Network	Ethernet:10/100/1000base RS232C
Other hardware specification	EEPROM JPEG encoder USB1.1/2.0 Size:100 × 160 Power:5 ±5% Environment operation:0~40°C storage:-20~70°C humidity:under 90%RH

Features

ORAS

- Maintain and control the system by network from away
- Check temperature inside of CPU, power of VME bus, condition of CPU fan, and do VME bus reset



ENVIRONMENTAL MANAGEMENT SYSTEM ISO 14001



QUALITY ASSURED COMPANY



JAS-ANZ 認証取得

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