

HP E1482B

VXI-MXI w/ INTX PCB Assembly



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Description

When used with external workstation controllers, the VXI extender plugs into slot 0 of the mainframe and is connected via the MXIbus controller cable to the EISA/ISA-to-MXIbus Interface (E1489C) in the HP-UX controller. For multiple VXI mainframe systems, one VXIbus extender module is installed into each mainframe and these are connected together via MXIbus cables in a daisy-chain configuration.

Extensions

Mainframe Extender Support for MXIbus

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Product Specifications

Interface Characteristics

Operating system:	HP-UX
Controller:	HP Series 700
I/O library:	SICL/VISA
Backplane:	EISA
Max. I/O speed:	
16 bit:	2.0 MB/s
32 bit:	4.0 MB/s
Languages:	C/C++ , Agilent HP VEE

Front Panel

Indicators:	LEDs for VXI accessed, MXI accessed, and Failed
Reset:	1 external pushbutton
Connectors:	1 MXIbus connector, 1 INTX connector
Trigger and clock:	SMB Trigger Input, SMB Trigger Output, SMB external clock I/O

Cable Length

INTX maximum lengths:	20 m total per MXI system, maximum 8 mainframes per system
INTX bus maximum length:	12 m when mapping high-speed trigger signals

General Specifications

VXI Characteristics

VXI device type:	Register based
Data transfer bus:	n/a
Size:	C
Slots:	1
Connectors:	P1/2
Shared memory:	n/a
VXI busses:	TTL Trigger Bus (T) ECL Trigger Bus (E)
C-size compatibility:	n/a

Instrument Drivers

See the Agilent Technologies Website (http://www.agilent.com/find/inst_drivers) for driver availability and downloading.

Command module firmware:	n/a
Command module firmware rev:	n/a
I-SCPI Win 3.1:	n/a
I-SCPI Series 700:	n/a
C-SCPI LynxOS:	n/a
C-SCPI Series 700:	n/a
Panel Drivers:	n/a
VXIplug&play Win Framework:	n/a
VXIplug&play Win 95/NT Framework:	n/a
VXIplug&play HP-UX Framework:	n/a

Module Current

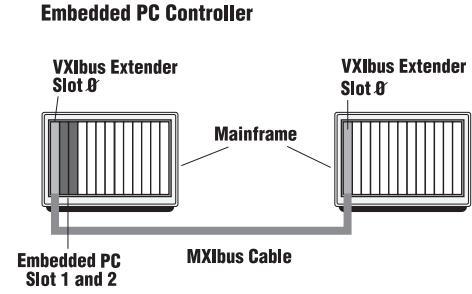
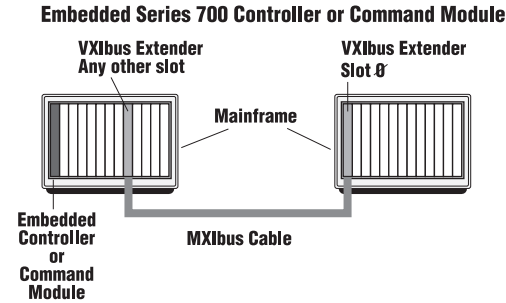
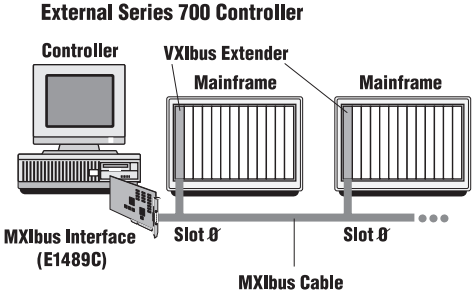
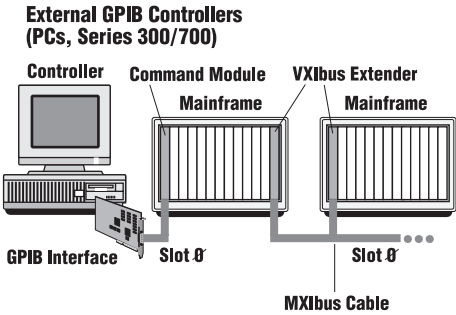
	I _{PM}	I _{DM}
+5 V:	6.7	0.67
+12 V:	0	0
−12 V:	0	0
+24 V:	0	0
−24 V:	0	0
−5.2 V	0.5	0.05
−2 V:	0.13	0.02

Cooling/Slot

Watts/slot:	21.00
ΔP mm H ₂ O:	0.25
Air flow liter/s:	3.50

Ordering Information

Description	Product No.
VXIbus Extender (VXIbus-to-MXIbus)	E1482B
1-meter MXI and INTX cables	E1482B 001
If Ordered Separately	E1482-80001
4-meter MXI and INTX cables	E1482B 004
If Ordered Separately	E1482-80004
Japan - Japanese localization	E1482B ABJ
3 yr. retn. to Agilent to 1 yr. OnSite warr.	E1482B W01



VXIbus Extender Connections

Related Literature

2000 Test System and VXI Catalog CD-ROM,
Agilent Pub. No. 5980-0308E (detailed specifications for VXI products)

2000 Test System and VXI Catalog,
Agilent Pub. No. 5980-0307E (overview of VXI products)

1998 Test System and VXI Products Data Book,
Agilent Pub. No. 5966-2812E

Online

Internet access for Agilent product information, services and support
www.agilent.com/find/tmdir

VXI product information
www.agilent.com/find/vxi

Defense Electronics Applications
www.agilent.com/find/defense_ATE

Agilent Technologies VXI Channel Partners
www.agilent.com/find/vxichanpart

Agilent Technologies’ HP VEE Application Website
www.agilent.com/find/vee

Agilent Technologies Data Acquisition and Control Website
www.agilent.com/find/data_acq

Agilent Technologies Instrument Driver Downloads
www.agilent.com/find/inst_drivers

Agilent Technologies Electronics Manufacturing Test Solutions
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