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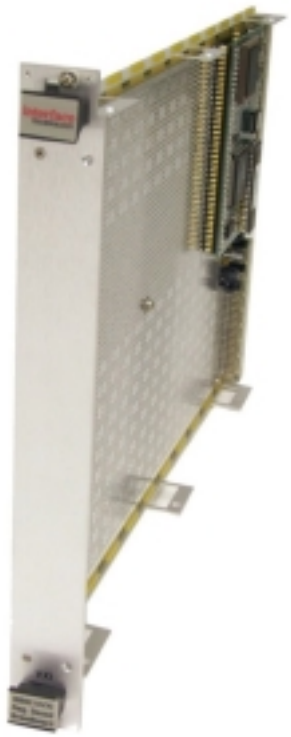
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Find the *Interface Technology DT9150* at our website: ***Click HERE***

Quality VXI Interface Products
From the Performance Leader ....

BB9210, BB9250, BB9260

VXI Prototyping / Interface Modules



- Complete VXI message-based or register-based interface utilizing DT9xxx VXI interface daughter cards
- 100+ square inches of development space
- Universal 0.1 inch pad layout supports 0.3, 0.4, 0.6 and 0.9 inch DIP components as well as Pin Grid Array, SIP and ZIP packages
- Four 2-oz copper power planes; +5 V, Gnd and two user-defined power planes (V2 and V3)
- Built-in filtering and fuses for +5 V power plane
- +5 V plane and ground plane are on the external surfaces for easy access
- Supports four connectors: a single DB series connector -- up to a DB25 and up to 10-pin, up to 20-pin, and up to 80-pin dual-row right angle connectors
- Metal case and local bus lockout keys are optional
- Reduced power consumption compared to the discrete VXI interface designs
- Easy access to P1 and P2 signals
- Save time and money by using proven, off-the-shelf VXI interface
- Supports D32 / D16 / D8

Description

The BB9210, BB9250, and BB9260 are C-sized prototyping modules that simplify any engineer's task of developing his own VXIbus-based instrument products. The BB9210 accepts Interface Technology's DT9110 daughter card for a complete register-based VXI interface. For a message-based VXI interface, the BB9250 includes the 16 MHz 68000 based DT9150 daughter card and the BB9260 includes the 40 MHz 68030 based DT9160 daughter card. With the use of the smallest commercially available VXI interface, all models of Interface Technology breadboards offer more than 100 square inches of development area.

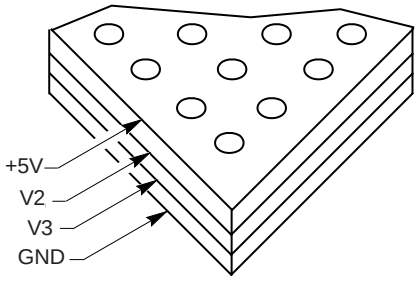
The breadboard modules are designed with four power planes: +5 V and ground (both on the outside) and two user-defined internal power planes (V2 and V3) which are accessible throughout the entire area of the module. The prototyping area is layed out using pin spacing of 0.1 inch centers that will support 0.3, 0.4, 0.6 and 0.9 inch DIP components, as well as Pin Grid Arrays, SIP and ZIP packages. In addition, there are four edge connector areas that are located along the front side of the prototyping module for supplying signals, lamps, or switches to the faceplate. These are available for use with any standard right-angle components or connectors and can accommodate up to a dual row 80-pin connector, a dual row 20-pin connector, a DB25 connector and a single connector up to 10 pins.

Although designed for development use or very limited production, the breadboard modules offer an easy transition from development to high volume production. By fabricating their board design for production, the user can still utilize completely any model of Interface Technology VXI interface daughter cards (DT9110, DT9150, or DT9160) or Interface Technology VXI interface chips (IT9010 or IT9010M).

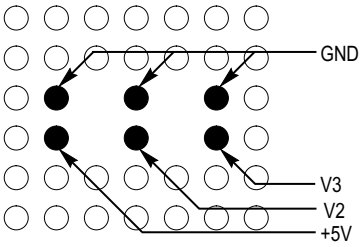
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*BB92xx SPECIFICATIONS**

Power Planes



Pad Configuration



Absolute Maximum Ratings:

The maximum current available from VXI chassis at 55 degrees C per VME specification:

Volts	Amps
+5 V	10.5 A
-5.2 V	7.5 A
-2.0 V	3.0 A
+12 V	1.5 A
-12 V	1.5 A
+24 V	1.5 A
-24 V	1.5 A

Power Filter Characteristics:

The AC attenuation (in Amps per Volt) for the +5 V power source is:

>20 dB @ 10 kHz
>70 dB @ 1 MHz
>90 dB @ 10 MHz

Mechanical Specifications of Board:

Board Dimension:	Conforms to VXI C-size
Hole Spacing	0.100 in.
Hole Diameter	0.042 ± 0.003 in.
Board Thickness	0.062 in.

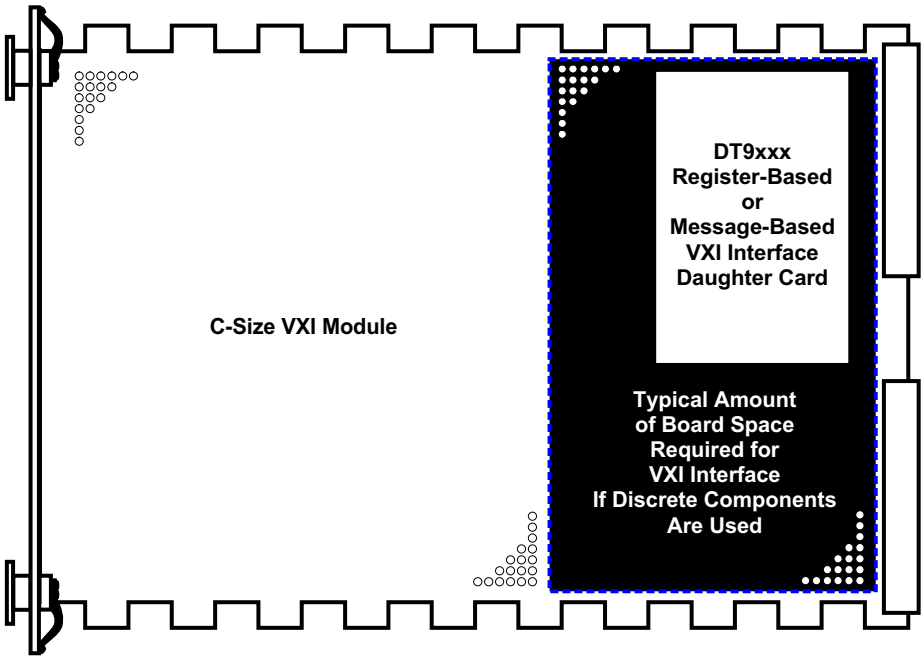
Recommended Operating Conditions:

Supply Voltage (Vcc)	
Minimum	4.75 V
Typical	5.0 V
Maximum	5.25 V

Operating Temperature (Topr):

Minimum	0º C
Maximum	+50º C

A Smaller VXI Interface Means More Room For Your Design



* Specifications subject to change without notice.

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