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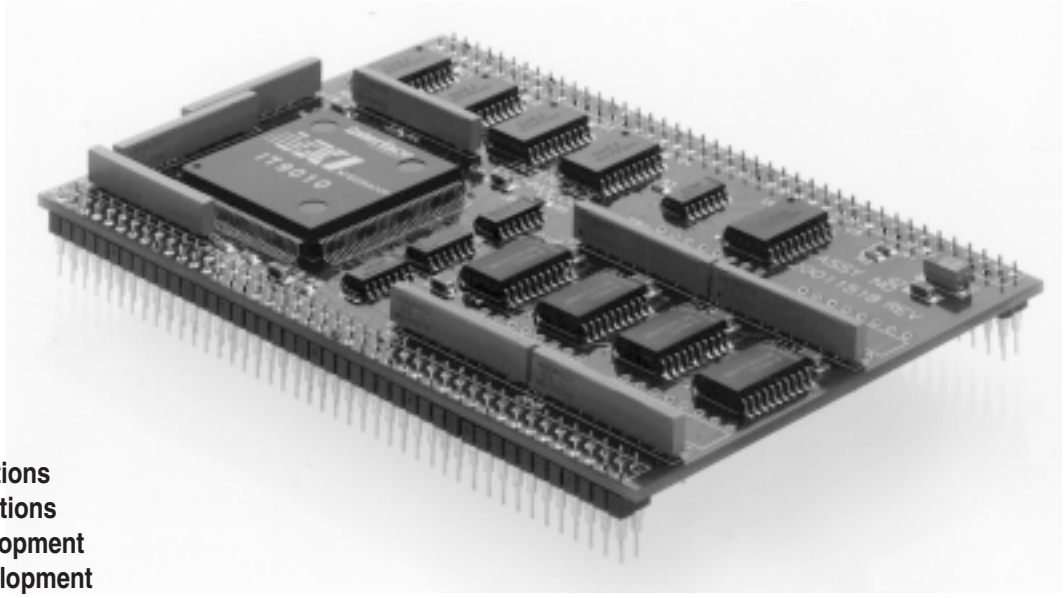
Expert team | Trust guarantee | 100% satisfaction

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Find the *Interface Technology DT9110* at our website: ***Click HERE***

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

DT9110
Interface Daughter Card



- **O.E.M. Applications**
- **Unique Applications**
- **Software Development**
- **Hardware Development**
- **Proven Cost Efficient & Space Efficient Design**
- **May be used on B-Size, C-size, and D-size Modules**

Description

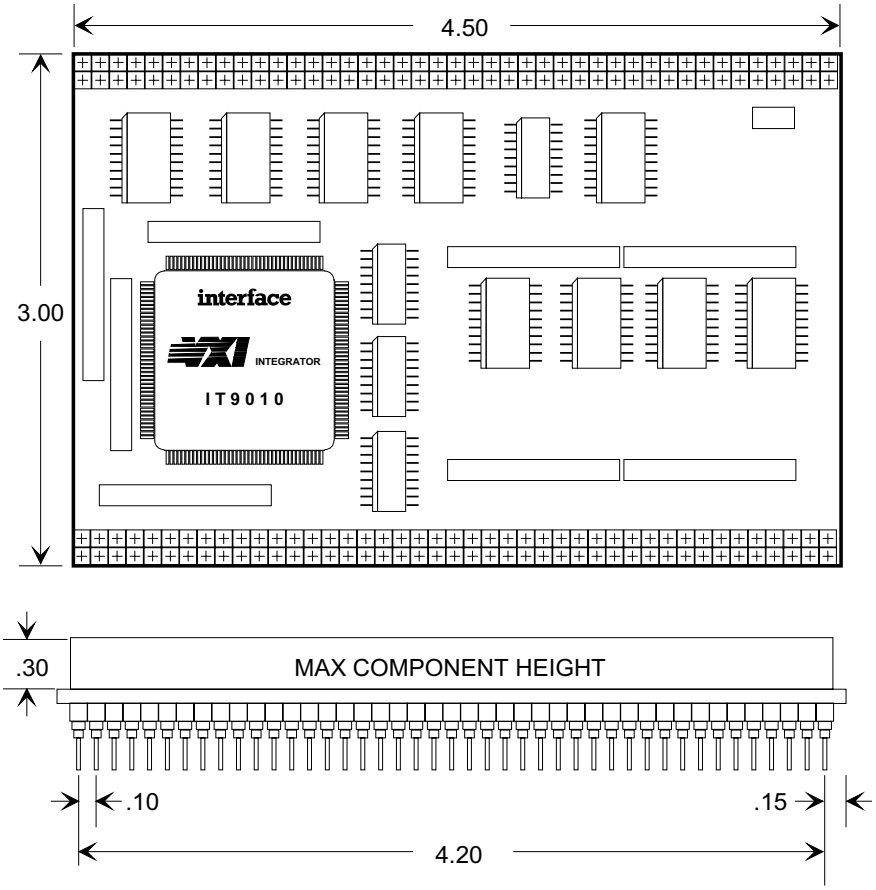
The DT9110 represents the state-of-the-art approach to VXIbus instrument product development and manufacturing. Taking advantage of the feature set of the IT9010 VXIntegrator chip, the DT9110 combines all of the elements necessary to implement a register-based VXI interface, on 13.5 inches of board space, leaving 100 square inches of design space on a standard C-size module.

The DT9110 provides all of the configuration registers required by the VXI specification, high current buffers for directly driving the VME/VXI backplane signals, and interrupt circuitry for generating VXIbus interrupts. Also included are decoding and control circuitry for implementing external Device Dependent registers and A24/A32 VMEbus registers as defined by the VXIbus specification.

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*DT9110 SPECIFICATIONS**

Your Product + DT9110 = VXI Register-Based Instrument



NOTE: ALL DIMENSIONS ARE IN INCHES.

Absolute Maximum Ratings:

Supply Voltage (Vcc)	
Minimum	GND - 0.5 V
Maximum	6.0 V
Input Voltage (Vi)	
Minimum	GND - 0.5 V
Maximum	Vcc + 0.5 V
Output Voltage (Vo)	
Minimum	GND - 0.5 V
Maximum	Vcc + 0.5 V
Temperature	
Storage (Tstg)	-40º C to +70º C
Operating (Topr)	0º C to +50º C

Output Current, Pin Shorted To Ground (Ios):

Standard Output	-40 mA to +40 mA
Medium Drive	-40 mA to +80 mA
High Drive	-90 mA to +180 mA
Open-Collector	-128 mA
Bidirectional (I/O_1)	-48 mA
Bidirectional (I/O_2)	-128 mA

Recommended Operating Conditions:

Supply Voltage (Vcc)	
Minimum	4.75 V
Typical	5.0 V
Maximum	5.25 V
Input High Voltage (Vih)	2.2 V, min.
Input Low Voltage (Vil)	0.8 V, max.

Operating Temperature (Topr):

Minimum	0º C
Maximum	+50º C

Supply Current @ 5 V:

300 mA

* Specifications subject to change without notice.

Interface Technology, Inc. • 300 S. Lemon Creek Dr., • Walnut CA • 91789
Phone: (909)595-6030 • FAX: (909)595-7177 • e-mail: info@interfacetech.com • www.interfacetech.com

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