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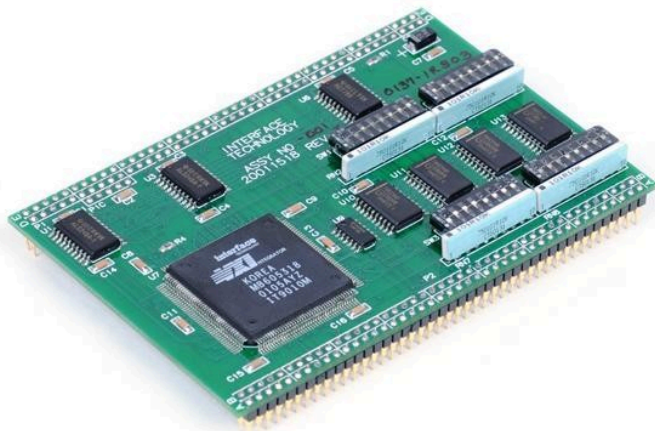
Data Sheet

August 15, 2026

INTERFACE TECHNOLOGY

Interface Technology DT9110 Daughter Card

Interface Technology DT9110 Daughter Card The Interface Technology DT9110 is a daughter card for Interface Technology digital test / timing systems. OEM DT9110 listings describe an add-on card used with SR5010 timing/control modules to expand I/O or memory in the same mainframe family. I/O or memory expansion on Interface Technology SR5010-class digital test systems. Host Family: Interface Technology digital test The Interface Technology DT9110 is a daughter card for Interface Technology digital test / timing systems. OEM DT9110 listings describe an add-on card used with SR5010 timing/control modules to expand I/O or memory in the same mainframe family. I/O or memory expansion on Interface Technology SR5010-class digital test systems. Host Family: Interface Technology digital test Literature: Interface Technology DT9110 daughter card listings



MODEL

**Interface
Technology
DT9110**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

DT9110

LISTING

<https://aumictechlabs.com/products/dt9110-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Interface Technology DT9110 is a daughter card that adds register-based VXI interface capability to VXIbus data acquisition systems. Built around the IT9010 VXIIntegrator chip, it integrates essential VXI interface elements into a compact 13.5 square inch form factor compatible with B-size, C-size, and D-size VXI modules. The card implements all VXI specification configuration registers - including Device Dependent and A24/A32 VMEbus

registers - and provides high current buffers for direct VME/VXI backplane signal driving plus integrated interrupt generation circuitry. Supply current is 300 mA @ 5 V. The DT9110 operates from 0 °C to +50 °C and is suitable for OEM integration, custom development, and laboratory or industrial applications requiring VXI protocol support. Technical Specifications Core Technology: IT9010 VXIIntegrator chip Interface Type: Register-based VXI interface Board Area: 13.5 square inches Board Thickness: 0.062 inches Component Height: Up to 0.30 inches Module Compatibility: B-size, C-size, and D-size VXI modules Hole Spacing: 0.100 inches Hole Diameter: 0.042 ± 0.003 inches Electrical Characteristics Supply Voltage: 4.75 V to 5.25 V (nominal 5.0 V) Input Logic Levels: Vih 2.2 V (min), Vil 0.8 V (max) Supply Current: 300 mA @ 5 V Output Current Ratings: Standard ±40 mA, Medium Drive ±40 to +80 mA, High Drive ±90 to +180 mA, Open-Collector -128 mA, Bidirectional I/O1 ±48 mA, Bidirectional I/O2 ±128 mA Absolute Maximum Supply Voltage: GND - 0.5 V to 6.0 V Operating Temperature: 0 °C to +50 °C Storage Temperature: -40 °C to +70 °C Key Features High current buffers for direct VME/VXI backplane signal driving Complete VXI specification register implementation Interrupt generation circuitry Compact footprint preserving significant design space on host module Compatibility & Integration Designed for VXIbus-compliant systems and compatible with VXI prototyping modules such as the Interface Technology BB9210.

DT9110 Characteristics / Specifications

PARAMETER	VALUE
Model	DT9110
Instrument Type	Daughter card
Host Family	Interface Technology digital test
Related Timing Module	SR5010
Manufacturer	Interface Technology
Literature	Interface Technology DT9110 daughter card listings
Family	Interface Technology DT9110
Brand Lineage	Interface Technology
Form Factor	daughter card
System Role	I/O or memory expansion
Application Class	digital test
Documentation Type	OEM DT9110 listing
Vendor Path	Interface Technology
Year Class	DT9110
Bus Class	Interface Technology mezzanine
Connector Class	per DT9110
Power Class	from host
Operating Temperature Class	commercial
Module Class	DT9110
Control Class	host SR5010
Io Class	per DT9110 faceplate
Memory Class	per DT9110
Host Class	SR5010 system
Documentation Class	DT9110 listing
Operating temperature	Class: commercial

DT9110 Specifications

PARAMETER	VALUE
Interface Technology DT9110 Daughter Card	Overview
Applications	I/O or memory expansion on Interface Technology SR5010-class digital test systems.
Key Features	DT9110 daughter card
Technical Specifications	Model: DT9110
Notes	Identity from Interface Technology DT9110 daughter-card listings. Pinout, memory size, and I/O type are on the DT9110 specification.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: commercial
Operating Temperature	Class: commercial
Operating Temperature Class	commercial
Module Class	DT9110
Control Class	host SR5010
Io Class	per DT9110 faceplate
Memory Class	per DT9110
Host Class	SR5010 system
Documentation Class	DT9110 listing Notes Identity from Interface Technology DT9110 daughter-card listings. Pinout, memory size, and I/O type are on the DT9110 specification.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	DT9110
Instrument Type	Daughter card
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Related Timing Module	SR5010
Manufacturer	Interface Technology
Literature	Interface Technology DT9110 daughter card listings
Family	Interface Technology DT9110
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System Role	I/O or memory expansion
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Documentation Type	OEM DT9110 listing
Vendor Path	Interface Technology
Year Class	DT9110
Bus Class	Interface Technology mezzanine
Connector Class	per DT9110
Power Class	from host
Operating Temperature Class	commercial
Module Class	DT9110
Control Class	host SR5010
Io Class	per DT9110 faceplate
Memory Class	per DT9110
Host Class	SR5010 system
Documentation Class	DT9110 listing

Notes

Identity from Interface Technology DT9110 daughter-card listings. Pinout, memory size, and I/O type are on the DT9110 specification.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.