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Data Sheet

August 15, 2026

ASTRONICS / EADS / TALON INSTRUMENTS

Astronics / EADS / Talon Instruments 10240 BE-64 Interconnect Module

Talon Instruments 10240 BE-64 Interconnect Module Queue model 10240 is the Talon Instruments 10240 interconnect module used with the BE-64 C-size VXI bus emulator and word generator. OEM BE-64 host listings document 64 I/O channels by 32 Kbits at 25 MHz or 32 channels by 64 Kbits at 50 MHz, tristate outputs, up to 32K software tables, loops to 64K or continuous, and up to 16 hardware-linked tables with zero dead time; those BE-64 channel numbers are host-family context, not this 10240 interconnect pin map. Queue model 10240 is the Talon Instruments 10240 interconnect module used with the BE-64 C-size VXI bus emulator and word generator. OEM BE-64 host listings document 64 I/O channels by 32 Kbits at 25 MHz or 32 channels by 64 Kbits at 50 MHz, tristate outputs, up to 32K software tables, loops to 64K or continuous, and up to 16 hardware-linked tables with zero dead time; those BE-64 channel numbers are host-family context, not this 10240 interconnect pin map. Front-panel or rear I/O interconnect between a Talon BE-64 VXI digital resource and the unit under test in bus-emulator and word-generator ATE.



MODEL

**Astronics / EADS /
Talon Instruments
10240**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

10240

LISTING

**[https://aumictechlabs.c
om/products/10240-2/](https://aumictechlabs.com/products/10240-2/)**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Astronics/EADS/Talon Instruments 10240 BE-64 Interconnect Module is a VXI card component that provides signal routing and interconnect capabilities within the BE-64 Bus Emulator/Word Generator system. Operating as either a logic recorder or word generator, the module supports dual I/O configurations: 64 channels $\times$ 32 Kbits/channel at 25 MHz, or 32 channels $\times$ 64 Kbits/channel at 50 MHz. The interconnect module enables reliable digital signal routing for complex test and troubleshooting applications. Technical Specifications Architecture & Form Factor C-size VXI card Part of BE-64 Bus Emulator/Word Generator system SCPI command set support I/O Configuration Options 64 I/O channels $\times$ 32 Kbits/channel at 25 MHz data rates 32 I/O channels $\times$ 64 Kbits/channel at 50 MHz data rates Tristate output control Maximum 64 channels $\times$ 32 Kbits/channel recording capacity (logic recorder mode) Memory & Sequencing Software-allocated memory tables Up to 32K tables definable Table length programmable from 1 word to 32K words Loop capability from 1 to 64K iterations per table, or continuous mode Each table selectable for input or output operation Key Features Transmit/receive capability: 64 channels $\times$ 32 Kbits per channel up to 25 MHz Programmable sense signals Dual-mode operation: word generator and logic recorder Supports simulation of over 1000 different digital interfaces Microprocessor bus structured interface emulation Digital interface range: serial T2 communication through high-speed VME bus protocols Typical Applications Digital bus emulation and troubleshooting Logic recording and waveform capture Microprocessor bus interface simulation Multi-protocol digital interface testing (serial to VME-class speeds) Compatibility & Integration The BE-64 interconnect module integrates with VXIbus systems and operates within the broader BE-64 ecosystem for comprehensive digital test solutions.

10240 Characteristics / Specifications

PARAMETER	VALUE
Model	10240
Instrument Type	BE-64 interconnect module
Manufacturer	Astronics / EADS / Talon Instruments
Literature	Talon 10240 BE-64 interconnect remaining-queue listing; BE-64 host listings as family context
Family	Talon BE-64 VXI digital
Form Factor	interconnect module used with C-size VXI BE-64
System Role	I/O interconnect to BE-64 digital resource
Brand Lineage	Talon Instruments / EADS / Astronics
Queue Title	Astronics / EADS / Talon Instruments 10240 BE-64 Interconnect Module
Documentation Type	OEM 10240 listing
Use Case	interconnect between BE-64 VXI digital resource and UUT
Vendor Path	Talon / EADS / Astronics
Year Class	BE-64 generation interconnect
Application Class	VXI digital interconnect
Module Class	interconnect module
Host Class	Talon BE-64 C-size VXI bus emulator word generator
Host Channels	BE-64 listings document 64 I/O by 32 Kbits at 25 MHz (host, not this interconnect map)
Host Alternate	BE-64 listings document 32 I/O by 64 Kbits at 50 MHz (host)
Host Tables	BE-64 listings document up to 32K tables and 16 hardware-linked tables (host)
Connector Class	connectors on the 10240 drawing
Ate Class	VXI digital ATE interconnect
Control Class	BE-64 firmware / 10240 wiring
Environment Class	ambient on the 10240 sheet

PARAMETER	VALUE
Function Class	interconnect function on the 10240 drawing

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	
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Notes

From remaining-queue title (Talon 10240 BE-64 Interconnect Module) and Talon BE-64 host-family listings (64 ch / 25 MHz and 32 ch / 50 MHz). Pinout of 10240 is on the interconnect drawing.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.