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Data Sheet

August 2, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 1260-700 Prototyping I/O Plug-In Module

The Astronics/EADS/Racal 1260-700 is a prototyping I/O plug-in module for the Adapt-a-Switch platform, enabling rapid custom circuit development and testing. It has 88 bidirectional TTL I/O lines, individually configurable as inputs or outputs in 8-bit port groups. The module supports asynchronous, synchronous, and mixed synchronous operating modes with two-wire programmable handshaking (active high or active low). Data rate on VXIbus systems reaches 200 kHz. Prototyping Area: 0.1 × 0.1-inch grid card with ground bus and two uncommitted buses (jumper-configurable to internal or external supply) Open-architecture design permits substitution of custom plug-in boards for specialized applications (ADCs, DACs, switch cards) Aumictech offers NIST-traceable calibration and repair for the Astronics / EADS / Racal 1260-700. Calibration covers all module-specific parameters per manufacturer dat



MODEL

**Astronics / EADS /
Racal 1260-700**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

1260-700

LISTING

[https://aumictechlabs.c
om/products/1260-700
-2/](https://aumictechlabs.com/products/1260-700-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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asynchronous, synchronous, and mixed synchronous operating modes with two-wire programmable handshaking (active high or active low). Data rate on VXIbus systems reaches 200 kHz. Technical Specifications Digital I/O: 88 TTL lines, configurable per 8-bit port Operating Modes: Asynchronous, synchronous, and mixed synchronous Handshaking: Two-wire programmable, selectable active high/low Data Rate (VXIbus): 200 kHz Power Supply: Fused +5 VDC; when in carrier, fused +12 V and +24 V available Prototyping Area: 0.1 × 0.1-inch grid card with ground bus and two uncommitted buses (jumper-configurable to internal or external supply) Key Features Open-architecture design permits substitution of custom plug-in boards for specialized applications (ADCs, DACs, switch cards) Individual port-level I/O configuration without module redesign Two uncommitted buses support flexible breadboarding and power routing Blank front panel with options for 64-pin IDC or 160-pin DIN connector cutouts Includes prototyping kit with card, interface connector, and panel hardware Typical Applications Custom signal conditioning and routing Prototype analog-to-digital and digital-to-analog conversion stages User-defined switching matrices and test point multiplexing Flexible I/O expansion in modular test systems Compatibility & Integration The 1260-700 integrates with the Adapt-a-Switch VXIbus Carrier (Model 1260-100) or the 1256 GPIB Switching Mainframe. VXIplug&play framework support includes drivers for LabWindows/CVI and LabVIEW on Windows 95/98/ME/NT/2000/XP. Operating altitude to 10,000 ft; non-operating to 15,000 ft.

Features & description

From manufacturer datasheet

Features

- 88 TTL I/O lines (bidirectional; ports configurable as input or output)
- Adapt-a-Switch prototyping plug-in
- Open-architecture two-piece design
- Prototyping kit with 0.1" grid and blank panel
- Fused +5 V; +12/+24 V when in 1260-100
- About 200 kHz VXI data rate
- Sync/async/mixed modes; 2-wire handshake
- Host: 1260-100 carrier or 1256 mainframe

1260700 Characteristics / Specifications

PARAMETER	VALUE
Model	1260-700
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	Prototyping digital I/O Adapt-a-Switch plug-in
Digital I/O	88 TTL lines; each 8-bit port configurable I/O
Power	fused +5 VDC; +12 V and +24 V available in 1260-100 carrier
Data Rate	about 200 kHz VXI class
Modes	synchronous, asynchronous, mixed; 2-wire programmable handshaking
Host	1260-100 Adapt-a-Switch VXIbus carrier; 1256 GPIB switching mainframe
Prototyping	0.1 × 0.1 in grid; ground bus; two uncommitted buses
Control	Option 01 / 01T class within Adapt-a-Switch system Standard Operating Conditions Install incompatible carrier/mainframe. Observe self-healing fuse limits on +5 V. Jump uncommitted buses only to appropriate internal/external supplies. ESD-protect the prototyping area during construction.

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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Host	1260-100 Adapt-a-Switch VXIbus carrier; 1256 GPIB switching mainframe
Prototyping	0.1 x 0.1 in grid; ground bus; two uncommitted buses
Control	Option 01 / 01T class within Adapt-a-Switch system
Standard Operating Conditions	
Install incompatible carrier/mainframe. Observe self-healing fuse limits on +5 V. Jump uncommitted buses only to appropriate internal/external supplies. ESD-protect the prototyping area during construction.	
Operational Notes	
Interface-only kits without prototyping area exist as related part numbers-confirm kit contents (interface + proto board + blank panel) against the packing list.	

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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.