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Data Sheet
August 14, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 6065P-4 4-Channel Serial Interface Card with Programmable Data Rate

Astronics / EADS / Racal Instruments 6065P-4 4-Channel Serial Interface Module The Racal Instruments 6065P-4 isaC-size VXIbus 4-channel serial interface card with software-selectable RS-232 RS-422 RS-423 or RS-485 per channel. OEM 6065P literature lists programmable baud rates to 125 kbaud, 38400 baud with no dead time, SCPI control, and per-channel loopback self-test. VXI automated test serial I/O, multi-protocol instrument control, and mixed RS-232/422/485 environments without hardware jumpers. The Racal Instruments 6065P-4 isaC-size VXIbus 4-channel serial interface card with software-selectable RS-232 RS-422 RS-423 or RS-485 per channel. OEM 6065P literature lists programmable baud rates to 125 kbaud, 38400 baud with no dead time, SCPI control, and per-channel loopback self-test. VXI automated test serial I/O, multi-protocol instrument control, and mixed RS-232/422/485 environments without hardware jumpers. Software-selectable RS-232/422/423/485 per channel Manufacturer: Racal Instruments / EADS / Astronics

MODEL **Astronics / EADS / Racal 6065P-4**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **6065P-4**	LISTING **https://aumictechlabs.com/products/6065p-4-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Astronics / EADS / Racal 6065P-4 is a 4-channel serial interface card for VXIbus systems, delivering flexible multi-protocol serial communication with independent channel configuration. Each of the four channels configures independently as RS-232, RS-422, RS-423, or RS-485, supporting programmable data rates from 1.7 Baud to 125k Baud with seamless operation up to 38400 Baud without dead time. The card provides 512kB of allocatable input/output buffer memory and operates under SCPI control for standardized instrument programming. Technical Specifications Channels: 4 independent serial channels Interface Protocols: RS-232, RS-422, RS-423, RS-485 (selectable per channel) Data Rate: 1.7 Baud to 125k Baud (programmable); supports continuous operation to 38400 Baud Buffer Memory: 512kB allocatable to input and output buffers Protocol Configuration: Software-programmable word length, parity checking, handshaking, and baud rate per channel Non-volatile Storage: Configuration memory retained across power cycles Form Factor: C-size VXIbus compatible Key Features Independent per-channel protocol and baud rate selection eliminates cross-channel constraints Software-controlled loopback at the line driver/receiver level for self-test verification Simultaneous full-duplex transmit and receive on all four channels SCPI compliance enables integration into automated test environments Programmable key parameters stored in non-volatile memory Typical Applications VXIbus-based serial data acquisition, multi-instrument control, protocol conversion testing, and embedded system communication validation where diverse serial standards must operate in parallel. Compatibility & Integration Designed for C-size VXIbus message-based systems. SCPI programming language support provides direct integration with standard instrument control frameworks and automated test software.

6065P Characteristics / Specifications

PARAMETER	VALUE
Model	6065P-4
Manufacturer	Racal Instruments / EADS / Astronics
Form Factor	C-size VXIbus module
Channels	4
Interface Standards Per Channel	RS-232 RS-422 RS-423 RS-485 software selectable
Baud Rate Maximum	125 kbaud
Baud Rate No Dead Time	to 38400 baud
Handshaking Software	XON/XOFF
Handshaking Hardware	RTS/CTS
Control Lines	DTR and DSR
Self Test	line driver/receiver loopback per channel
Programming Language	SCPI
Device Type	VXIbus message-based
Configuration Memory	non-volatile storage of channel setups
Word Length Parity	software programmable per channel
Simultaneous Tx/Rx	all channels class
Predecessor/Successor Class	6065 replaced by 6075 family note
Product Family	6065P-4 / 6065P-8
Instrument Class	multi-protocol serial interface

6065P Specifications

PARAMETER	VALUE
Applications	VXI automated test serial I/O, multi-protocol instrument control, and mixed RS-232/422/485 environments without hardware jumpers.
Key Features	4 independent serial channels
Technical Specifications	Model: 6065P-4

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 Racal Instruments 6065P product descriptions for 4- and 8-channel modules. Confirm installed memory option (512 kB class listings) on the specific card.

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

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