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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 3235PS VXI Mainframe Power Supply

HP Agilent 3235PS Power Supply for 3235 Switch/Test Unit The 3235PS is the power-supply assembly for the HP 3235 Switch/Test Unit (10-slot plugin cage hosting 34520 DMM and 34522 DIO in this catalog). Catalog title may say VXI; the 3235 family is the Switch/Test Unit. Multi-rail PSU for the 3235 backplane. Manufacturer: Hewlett Packard / Agilent / Keysight Parent Mainframe: HP 3235 Switch/Test Unit The 3235PS is the power-supply assembly for the HP 3235 Switch/Test Unit (10-slot plugin cage hosting 34520 DMM and 34522 DIO in this catalog). Catalog title may say VXI; the 3235 family is the Switch/Test Unit. Multi-rail PSU for the 3235 backplane. Manufacturer: Hewlett Packard / Agilent / Keysight Parent Mainframe: HP 3235 Switch/Test Unit Related Extenders: 3235E extenders (up to seven)

**MODEL****Keysight / Agilent /
HP 3235PS****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****3235PS****LISTING**[https://aumictechlabs.c
om/products/3235ps-2/](https://aumictechlabs.com/products/3235ps-2/)

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NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP 3235PS is a VXI mainframe power supply stable, efficient power to VXI-based test and measurement systems. This unit forms the core of a modular architecture supporting a 10-slot plug-in cage with capacity for up to seven extender frames, enabling scalable system configurations for complex measurement applications. Technical Specifications VXI Architecture 10-Slot Plug-In Cage Supports up to seven HP 3235E Extender Frames Four

Backplane Analog Buses Two Trigger Buses VXIbus Specification compliant System Integration Quick Interconnect Fixture for streamlined module integration VXIbus and HP-IB control compatibility Mainframe chassis sold separately Key Features The 3235PS delivers dedicated power distribution to VXI modules within the mainframe environment. Its architecture supports multi-frame configurations, allowing test systems to expand across seven extender frames while maintaining signal integrity through dedicated analog and trigger buses. The quick interconnect fixture minimizes integration time during system assembly and reconfiguration. Typical Applications This power supply serves automated test equipment (ATE) systems, modular measurement platforms, and VXI-based instrumentation requiring distributed power delivery across multiple slots and extender frames. It is suited for applications demanding stable DC power distribution in dynamic test environments. Compatibility & Integration The 3235PS integrates with standard VXI modules and the HP 3235 system family. It operates within a VXI mainframe chassis (ordered separately) and supports connection to up to seven HP 3235E Extender Frames for geographically distributed measurements. Associated documentation includes User Manuals, Installation Manuals, Program Manuals, and Quick Reference Guides for system configuration and operation.

Features & description

From manufacturer datasheet

Applications

- 3235 mainframe PSU replacement

3235PS Characteristics / Specifications

PARAMETER	VALUE
Model	3235PS
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	Mainframe Power Supply
Alias	3235PS; HP 3235PS
Parent Mainframe	HP 3235 Switch/Test Unit
Parent Slots	10 plugin slots
Related 345	6.5-digit DMM module
Related Extenders	3235E extenders (up to seven)
Function	cage multi-rail PSU
Form	internal power supply assembly
Not E1401B PSU	different 0950 VXI supplies
Status	HP 3235 service part
Installation	3235 PSU location; mains off
Documentation	3235 service PSU
Use	restore plugin power
Identification	3235PS
Compatibility	3235 mainframe
Input	AC mains per nameplate
Outputs	3235 backplane rails per silkscreen
Cooling	3235 airflow
Safety	mains hazardous
ESD	PSU PCA
Analog Buses Parent	four analog buses on 3235 Notes 3235 cage PSU identity from HP 3235PS. The 3235 is the Switch/Test Unit (10-slot), notaVXI E1401 frame. Read rail ratings on the PSU label.

3235PS Specifications

PARAMETER	VALUE
HP Agilent 3235PS Power Supply for 3235 Switch/Test Unit	Overview
Applications	- 3235 mainframe PSU replacement
Key Features	- 3235PS cage power supply
Technical Specifications	Model: 3235PS

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.

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Related 34522	digital I/O module
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Notes

3235 cage PSU identity from HP 3235PS. The 3235 is the Switch/Test Unit (10-slot), notaVXI E1401 frame. Read rail ratings on the PSU label.

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