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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 35652A

HP Agilent 35652A 3565S Single Channel Input Module The HP 35652A is a single-channel analog input module for the 3565S / 35650A dynamic-signal system. OEM 3565S module tables list 35652A with DC to 51.2 kHz bandwidth and 80 dB dynamic range. It occupies one 35650A slot and is used with a 35651-class signal-processing module. Single-channel FFT, FRF, and time-capture channels in a 3565S MIMO system. Instrument Type: Dynamic signal analyzer input module The HP 35652A is a single-channel analog input module for the 3565S / 35650A dynamic-signal system. OEM 3565S module tables list 35652A with DC to 51.2 kHz bandwidth and 80 dB dynamic range. It occupies one 35650A slot and is used with a 35651-class signal-processing module. Single-channel FFT, FRF, and time-capture channels in a 3565S MIMO system. Instrument Type: Dynamic signal analyzer input module Related Mainframe: 35650A eight-slot cage



MODEL

**Agilent / Keysight
35652A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

35652A

LISTING

<https://aumictechlabs.com/products/35652a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 35652A is a data acquisition module engineered for signal conditioning and measurement in test environments. This plug-in function module integrates into modular data acquisition systems, delivering accurate analog signal processing with flexible configuration to meet diverse measurement requirements across research, development, and manufacturing

applications. Technical Specifications The 35652A operates as a 50 kHz input module, supporting signal conditioning for physical parameter acquisition and digital conversion. As a modular component, it installs into multi-slot data acquisition system architectures similar to the HP/Agilent 3852A platform, which accommodates eight plug-in function modules. Key Features 50 kHz input module capability for analog signal processing Accurate signal conditioning for diverse measurement types Flexible configuration options enabling custom measurement setups Modular architecture for integration into larger data acquisition systems Typical Applications The 35652A serves research, development, and manufacturing environments requiring signal conditioning and data acquisition. Engineers deploy this module in multi-channel measurement systems where analog-to-digital conversion and signal processing are essential to monitoring and analysis workflows. Compatibility & Integration The 35652A integrates into Agilent/Keysight modular data acquisition platforms featuring multi-slot architectures. This design follows the company's lineage of compatible data acquisition systems, including legacy platforms and modern offerings, construct tailored measurement solutions by combining multiple function modules within a single chassis.

35652A Characteristics / Specifications

PARAMETER	VALUE
Model	35652A
Instrument Type	Dynamic signal analyzer input module
Host Mainframe	35650A / 3565S
Channels	1
Bandwidth	DC to 51.2 kHz
Dynamic Range	80 dB
Family	HP 3565S input modules
Related Processor	35651C
Related Mainframe	35650A eight-slot cage
Related Source	102.4 kHz source or 35656A DAC for internal cal
Form Factor	3565S plug-in
Manufacturer	HP Agilent Keysight
Use Case	analog acquisition for FFT/FRF
Control	3565S application software
Operating Temperature Class	3565S laboratory window
Power	from 35650A backplane
Literature	HP 3565S module specifications
System Frequency	64 uHz to 102.4 kHz system class
Alias Protection	module anti-alias class
Connector Class	BNC analog input class
Icp Class	ICP/IEPE when the installed 35652 variant supports it
Calibration	system cal via source or DAC module
Documentation Type	OEM module table
Operating temperature	Class: 3565S laboratory window

35652A Specifications

PARAMETER	VALUE
HP Agilent 35652A 3565S Single Channel Input Module	Overview
Applications	Single-channel FFT, FRF, and time-capture channels in a 3565S MIMO system.
Single analog input channel	DC to 51.2 kHz
Technical Specifications	Model: 35652A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 3565S laboratory window
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Operating Temperature Class	3565S laboratory window
Power	from 35650A backplane
Literature	HP 3565S module specifications
System Frequency	64 uHz to 102.4 kHz system class
Alias Protection	module anti-alias class
Connector Class	BNC analog input class
Icp Class	ICP/IEPE when the installed 35652 variant supports it
Calibration	system cal via source or DAC module
Documentation Type	OEM module table Notes From HP 3565S 35652A input-module listings (DC to 51.2 kHz, 80 dB). Input ranges, coupling, and ICP current are on the 35652A module data sheet / 3565S technical reference.

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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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.