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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight AP04E0A

Queue model AP04E0A is the HP/Agilent/Keysight AP04E0A remaining-queue module (title Agilent/Keysight AP04E0A). APxx configurators in this catalog are application/processor or optical-test modules. Exact function and connector are on the AP04E0A drawing and are not invented here. HP/Agilent/Keysight AP04E0A remaining-queue module Instrument Type: application / processor module Manufacturer: Hewlett Packard / Agilent / Keysight HP/Agilent/Keysight AP04E0A remaining-queue module Instrument Type: application / processor module Manufacturer: Hewlett Packard / Agilent / Keysight Literature: HP/Agilent/Keysight AP04E0A remaining-queue listing



MODEL

**Agilent / Keysight
AP04E0A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

AP04E0A

LISTING

<https://aumictechlabs.com/products/ap04e0a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight AP04E0A is a discontinued vehicle network interface module engineered for multi-protocol automotive test and measurement applications. It has simultaneous access to CAN FD, CAN 2.0, LIN, and Ethernet networks with full galvanic isolation from the host PC, enabling reliable data acquisition in manufacturing, R&D, and quality assurance environments. The module delivers nanosecond-precision timestamping and hardware-accelerated protocol support for high-speed ECU flashing and diagnostic operations. Technical Specifications Network Interfaces: Two CAN FD channels, one LIN channel, one Ethernet channel CAN FD Data Rate: 100% utilization at 8 Mb/s

per channel Timestamping: 64-bit resolution with 25 nanosecond accuracy Isolation: Full galvanic isolation between module and PC Environmental Hardening: Rated for reverse battery conditions and electrical transients Protocol Implementation: ISO 15765 (CAN FD hardware acceleration), Diagnostic over IP (DoIP) Connectivity: DB26 (1 m), OBD2 (1.5 m), multi-connector (1 m) cable assemblies

Key Features Dual high-bandwidth CAN FD networks eliminate single-channel bottlenecks in complex vehicle testing scenarios PC isolation mitigates ground loops and EMI coupling in harsh automotive environments Hardware-based ISO 15765 implementation accelerates ECU reprogramming workflows Native DoIP support enables modern vehicle diagnostic protocols 25 ns timestamping resolution supports precise event correlation across multiple bus domains

Typical Applications Multi-protocol vehicle network analysis and packet capture ECU firmware flashing and calibration Powertrain and body electronics diagnostics CAN/LIN/Ethernet integration validation in automotive platforms Manufacturing test automation and quality control

Compatibility & Integration Software: AP00000A Vehicle Spy APIs: neoVI DLL, SAE J2534, TMC RP1210 A/B Protocols: CAN FD, CAN 2.0, LIN, Ethernet, ISO 15765, DoIP

AP04E0A Characteristics / Specifications

PARAMETER	VALUE
Model	AP04E0A
Instrument Type	application / processor module
Manufacturer	Hewlett Packard / Agilent / Keysight
Literature	HP/Agilent/Keysight AP04E0A remaining-queue listing
Family	HP/Keysight APxx class
Form Factor	APxx configurator module
System Role	application / processor module
Brand Lineage	HP / Agilent / Keysight
Queue Title	Agilent/Keysight AP04E0A
Documentation Type	OEM AP04E0A listing
Use Case	Systems that specify AP04E0A
Vendor Path	HP / Agilent / Keysight
Year Class	AP04E0A generation
Application Class	application / processor module
Module Class	application / processor module
Host Class	instrument host per drawing
Connector Class	connectors on the AP04E0A drawing
Ate Class	application module
Control Class	AP04E0A front panel / firmware
Environment Class	ambient on the AP04E0A sheet
Mains Class	mains on the AP04E0A nameplate
Voltage Class	volts on the AP04E0A nameplate
Current Class	amperes on the AP04E0A nameplate

AP04E0A Specifications

PARAMETER	VALUE
Agilent Keysight AP04E0A Module	Overview
Applications	Systems that specify AP04E0A.
Key Features	HP/Agilent/Keysight AP04E0A remaining-queue module
Technical Specifications	Model: AP04E0A
Notes	From remaining-queue title Agilent/Keysight AP04E0A. Function and connector are on the AP04E0A 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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Current Class	amperes on the AP04E0A nameplate
Notes	
From remaining-queue title Agilent/Keysight AP04E0A. Function and connector are on the AP04E0A 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

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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.