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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 53132-60003 3 Ghz Frequency Board

The Keysight/Agilent/HP 53132-60003 is a 3 GHz frequency board designed as an option for frequency counters. It extends the measurement capabilities of compatible counters to 3 GHz, enabling precise frequency and time interval measurements in various applications.

**MODEL****Keysight / Agilent /
HP 53132-60003****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****53132-60003****LISTING**<https://aumictechlabs.com/products/53132-60003-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight/Agilent/HP 53132-60003 is an optional 3 GHz frequency measurement board that expands the capabilities of compatible universal and RF counters. This internal hardware option adds a third independent measurement channel to 53131A, 53132A, and 53181A series instruments, enabling precise frequency and time interval measurements up to 3 GHz. The board installs directly into the host counter's mainframe and draws power from the instrument's internal supply. Technical Specifications Frequency Range: Up to 3 GHz Input Connector: BNC (3 GHz input) Input Impedance: 50 Ω Input Coupling: AC coupled Sensitivity: -21 dBm to +13 dBm (100 MHz to 3 GHz) Maximum Input Level: 5 Vrms Power Supply: Draws from host counter internal supply (+5 V, +12 V, -9 V, -12 V rails available) Key Features Adds third independent measurement channel to compatible counter platforms Extends frequency measurement range

beyond base 225 MHz bandwidth of primary channels Supports frequency, period, ratio, time interval, pulse width, rise/fall time, phase angle, duty cycle, totalize, and peak voltage measurements Internal PCB assembly - no external interfaces required beyond signal input connector Typical Applications RF and microwave frequency measurements to 3 GHz Multi-channel frequency and timing characterization High-frequency component and circuit testing Simultaneous measurement across multiple signal paths Compatibility & Integration Designed for integration with Keysight/Agilent/HP 53131A, 53132A, and 53181A series universal and RF counters. Typically designated as Option 030 when configured as part of a complete counter system. Installation is internal; no user-accessible external interfaces beyond the BNC input connector.

5313260003 Characteristics / Specifications

PARAMETER	VALUE
Model	53132-60003
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	3 GHz Frequency Board
Alias	53132-60003
Parent Instrument	53132A 12-digit universal counter
Parent Digits	12
Channel Function	3 GHz frequency input (Opt 030 class)
Frequency Class Parent	3 GHz channel
Standard Channel Parent	225 MHz class Ch 1/2 on 53132A
Form	plug-in frequency PCA
NotACounter	board only
Host Chassis	53132A
Related 53131A	53131A is 10-digit sibling; confirm 53132A
Interface Parent	GPIB on 53132A
Status	HP 53132A service part
Installation	match Option 030 hardware and prefix
ESD	RF input PCA
Documentation	53132A service Option 030
Calibration	53132A channel cal after swap
Compatibility	53132A 3 GHz option board
Use	restore 3 GHz input
Identification	53132-60003
Connector Parent	N-type 3 GHz input class
Power	53132A supplies
Not 53181A	RF counter sibling is different Notes 3 GHz frequency-board identity from HP 53132-60003 for 53132A Option 030 class. Confirm option

PARAMETER

VALUE

presence. Accuracy remains a 53132A specification.

5313260003 Specifications

PARAMETER	VALUE
Applications	- 53132A 3 GHz channel repair
Key Features	- 3 GHz input PCA 53132-60003
Technical Specifications	Model: 53132-60003

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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Specifications

PARAMETER	VALUE
Installation	match Option 030 hardware and prefix
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Documentation	53132A service Option 030

Specifications

PARAMETER	VALUE
Calibration	53132A channel cal after swap
Compatibility	53132A 3 GHz option board
Use	restore 3 GHz input

Specifications

PARAMETER	VALUE
Identification	53132-60003
Connector Parent	N-type 3 GHz input class
Power	53132A supplies

Not 53181A: RF counter sibling is different

Notes

3 GHz frequency-board identity from HP 53132-60003 for 53132A Option 030 class. Confirm option presence. Accuracy remains a 53132A specification.

Ordering Information

OPTION	DESCRIPTION
Option 030	class) for the HP 53132A 12-digit universal counter. Service spare; 225 MHz standard channel and 12-digit resolution belong to the 53132A mainframe.

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.