

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

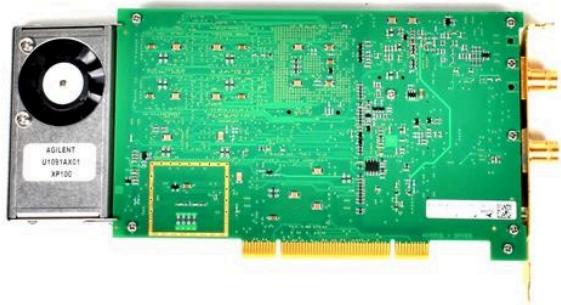
Data Sheet

August 15, 2026

ACQIRIS

Acqiris DP105/U1067A-001 PCI digitizer card

The Acqiris DP105/U1067A-001 is a PCI digitizer card combining high-speed data acquisition with oscilloscope-like functionality. Ideal for capturing and analyzing transient signals in various scientific and industrial applications.



MODEL

**Acqiris
DP105/U1067A-001**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

DP105/U1067A-001

LISTING

<https://aumictechlabs.com/products/dp105-u1067a-001-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Acqiris DP105/U1067A-001 is a high-speed PCI digitizer card engineered for real-time capture and analysis of transient signals in laboratory and industrial environments. This single-slot PCI card delivers oscilloscope-grade performance with direct computer integration, offering 8-bit resolution across a 500 MS/s sampling rate and 150 MHz analog bandwidth. The device features dual AC/DC coupling, $1\text{ M}\Omega \pm 1\%$ input impedance, and supports both internal and external triggering modes. Optional memory expansion accommodates up to 2 Mpoints of acquisition storage. Gold-plated BNC and SMB connectors ensure reliable signal integrity, while integrated front-end amplification with internal calibration and mezzanine-based input protection deliver measurement fidelity. Clock accuracy of ± 50 ppm supports precision timing applications. Power consumption remains below 16 W, enabling integration into space-constrained systems. Technical Specifications Interface: PCI (single-slot short-form card) Resolution: 8-bit digital conversion Maximum Sampling Rate: 500 MS/s Analog Bandwidth: 150 MHz maximum Input Impedance: $1\text{ M}\Omega$

± 1% Coupling: AC/DC switchable Acquisition Memory: Up to 2 Mpoints (optional) Clock Accuracy: ±50 ppm Power Consumption: <16 W Connectors: Gold-plated BNC and SMBKey Features Full front-end amplification with internal calibration Mezzanine front-end architecture with input protection Internal and external trigger modes Device drivers and software development package included Soft Front Panel (SFP) with scope-like interface, FFT capability, and waveform display Compatibility & Integration Supported operating systems include Windows XP/Vista/2003 Server/2000, VxWorks, LabVIEW RT, and Linux. Development-ready APIs work with LabVIEW, C/C++, Visual Basic, MATLAB, LabWindows/CVI, and Python. Complete software package includes drivers, API libraries, code examples, graphical interface, and documentation. Note: This product line is marked obsolete by Keysight Technologies.

DP105U1067A001 Characteristics / Specifications

PARAMETER	VALUE
Model	DP105
Instrument Type	PCI digitizer
Vertical Resolution	8 bits
Maximum Sample Rate	500 MS/s
Channel Count	1
Standard Acquisition Memory	128 kpoints
Maximum Acquisition Memory	8 Mpoints
Segmented Acquisition Segments	up to 8000
Timing Resolution	80 ps
Clock Accuracy	50 ppm
Maximum Input Voltage	plus or minus 2 V
Minimum Sample Rate	100 S/s
Sample Rate Sequence	1 2 2.5 4 5 progression
Form Factor	PCI digitizer card
Keysight Order Alias	U1067A-001
Power Plus 5 V Typical	about 2.1 A
Power Plus 12 V Typical	about 14.4 W class listing
Module Mass Typical	0.55 kg
Operating Temperature Class	0 C to 40 C lab
Series Family	Acqiris DP series 8 bit digitizers
Bandwidth Class	per DP105 front end listing in manual
Trigger Modes	edge and window class Acqiris API
Host Bus	32 bit PCI
Bandwidth	Class: per DP105 front end listing in manual
Operating temperature	Class: 0 C to 40 C lab

DP105U1067A001 Specifications

PARAMETER	VALUE
Acqiris Keysight DP105 PCI Digitizer	Overview
Key Features	500 MS/s maximum sampling
Segmented acquisition support	Keysight U1067A-001 catalog alias
Technical Specifications	Model: DP105
Notes	From Keysight Acqiris 8-bit Digitizers User Manual DP105/U1067A-001 specification tables.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 C to 40 C lab
Operating Temperature	Class: 0 C to 40 C lab
Operating Temperature Class	0 C to 40 C lab
Series Family	Acqiris DP series 8 bit digitizers
Bandwidth Class	per DP105 front end listing in manual
Trigger Modes	edge and window class Acqiris API
Host Bus	32 bit PCI Notes From Keysight Acqiris 8-bit Digitizers User Manual DP105/U1067A-001 specification tables.

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	
Specifications	
PARAMETER	VALUE
Model	DP105
Instrument Type	PCI digitizer
Vertical Resolution	8 bits
Maximum Sample Rate	500 MS/s
Channel Count	1
Standard Acquisition Memory	128 kpoints
Maximum Acquisition Memory	8 Mpoints
Segmented Acquisition Segments	up to 8000
Timing Resolution	80 ps
Clock Accuracy	50 ppm
Maximum Input Voltage	plus or minus 2 V
Minimum Sample Rate	100 S/s
Sample Rate Sequence	1 2 2.5 4 5 progression
Form Factor	PCI digitizer card
Keysight Order Alias	U1067A-001
Power Plus 5 V Typical	about 2.1 A
Power Plus 12 V Typical	about 14.4 W class listing
Module Mass Typical	0.55 kg
Operating Temperature Class	0 C to 40 C lab
Series Family	Acqiris DP series 8 bit digitizers
Bandwidth Class	per DP105 front end listing in manual
Trigger Modes	edge and window class Acqiris API
Host Bus	32 bit PCI
Notes	
From Keysight Acqiris 8-bit Digitizers User Manual DP105/U1067A-001 specification tables.	

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

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