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Data Sheet

August 13, 2026

FLUKE

Fluke 383984 Fast R2 A/D Converter Module

Fluke 383984 Fast R2 A/D Converter Module The Fluke 383984 is a fast R2 A/D converter module used as a spare/upgrade part in Fluke data acquisition or related modular systems. Public standalone datasheets for this part number are limited; it is an A/D converter module accessory rather than a complete instrument. The Fluke 383984 is a fast R2 A/D converter module used as a spare/upgrade part in Fluke data acquisition or related modular systems. Public standalone datasheets for this part number are limited; it is an A/D converter module accessory rather than a complete instrument.



MODEL

Fluke 383984

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

383984

LISTING

<https://aumictechlabs.com/products/383984-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke 383984 Fast R2 A/D Converter Module is a high-speed analog-to-digital conversion accessory engineered for integration into Fluke 8502A and 8502AT Digital Multimeters. This module delivers rapid signal conversion at up to 500 readings per second with 6.5-digit resolution and 6 PPM DC accuracy, enabling precise data acquisition in demanding measurement environments. The module supports overrange capability to 212 percent, extending measurement flexibility beyond standard input ranges.

Technical Specifications
Resolution: 6.5 digits DC
Accuracy: 6 PPM
System Speed: Up to 500 readings per second
Overrange Capability: Up to 212 percent

Key Features
High conversion speed accommodates rapid sampling requirements in

automated test systems and continuous monitoring applications. The 6.5-digit resolution provides discrimination suitable for precision measurement tasks. Extended overrange protection permits signal excursions without measurement interruption or instrument damage.

Typical Applications

- High-speed analog-to-digital signal conversion in test equipment
- Data logging systems requiring rapid sampling rates
- Automated measurement and control systems
- Laboratory instrumentation for demanding measurement tasks

Compatibility & Integration

The module integrates directly with Fluke 8502A and 8502AT Digital Multimeters. These host instruments provide measurement capability across DC volts, AC volts (with optional AC converter), resistance, and current ranges. The 8502A supports remote interfaces for measurement control and memory programming, with optional IEEE-488 Interface Module available for networked operation. Additional compatible modules for the 8502A include the Ohms Converter Module, enabling customized measurement configurations for specific application requirements.

Features & description

From manufacturer datasheet

Features

- Fast R2 A/D converter module
- Modular accessory form factor
- Fluke part number 383984

Applications

- Replacement/upgrade A/D module in compatible Fluke systems
- Fast analog-to-digital conversion path in modular DAQ

383984 Characteristics / Specifications

PARAMETER	VALUE
Model	383984
Manufacturer	Fluke
Instrument Type	Fast A/D Converter Module
Alias	383984; Fluke 383984
Module type	Fast R2 A/D converter Notes Confirm host instrument compatibility and channel/rate ratings from the module label and system service manual.

383984 Specifications

PARAMETER	VALUE
Fluke 383984 Fast R2 A/D Converter Module	Overview
Key Features	- Fast R2 A/D converter module
Technical Specifications	Model: 383984

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	383984
Manufacturer	Fluke
Instrument Type	Fast A/D Converter Module
Alias	383984; Fluke 383984

Module type: Fast R2 A/D converter

Notes

Confirm host instrument compatibility and channel/rate ratings from the module label and system service manual.

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>

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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.