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Data Sheet

August 3, 2026

LECROY

LeCroy MS-250 Mixed Signal Oscilloscope Module

Teledyne LeCroy MS-250 Mixed Signal Oscilloscope Module 250 MHz The MS-250 provides Teledyne LeCroy's 18-channel mixed-signal oscilloscope acquisition module for WaveSurfer and compatible platforms. It adds 18 digital channels at 1 GS/s with 10 Mpts/Ch memory, 250 MHz maximum input frequency, and 2 ns minimum detectable pulse width. Included with MSO MXs-B / MSO configurations; also available as an add-on (MS-250) for WaveSurfer Xs-A / MXs-A and WaveMaster systems. Digital bus capture alongside analog channels; mixed-signal cross-trigger; embedded timing debug up to 250 MHz digital. The MS-250 provides Teledyne LeCroy's 18-channel mixed-signal oscilloscope acquisition module for WaveSurfer and compatible platforms. It adds 18 digital channels at 1 GS/s with 10 Mpts/Ch memory, 250 MHz maximum input frequency, and 2 ns minimum detectable pulse width. Included with MSO MXs-B / MSO configurations; also available as an add-on (MS-250) for WaveSurfer Xs-A / MXs-A and WaveMaster systems. Digital bus capture alongside analog channels; mixed-signal cross-trigger; embedded timing debug up to 250 MHz digital.

No photo

MODEL

LeCroy 250

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

250

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

Features & description

From manufacturer datasheet

Features

- 18 digital channels
- Digital sample rate: 1 GS/s
- Digital memory: 10 Mpts/Ch
- Maximum input frequency: 250 MHz
- Minimum detectable pulse width: 2 ns
- Lead set, ground extenders, flexible grounds, USB/LeCroy bus cables (typical MSO kit)
- Compatible with WaveSurfer Xs-A / MXs-A / MXs-B MSO configurations and selectable WaveMaster MS options

250 Characteristics / Specifications

PARAMETER	VALUE
Model	MS-250
Manufacturer	Teledyne LeCroy
Instrument Type	Mixed Signal Oscilloscope Module
Alias	MS-250; MS250 Digital Acquisition
Channels	18
Sample Rate	1 GS/s
Record Length	10 Mpts/Ch
Maximum Input Frequency	250 MHz
Minimum Detectable Pulse Width	2 ns Physical / Kit (typical OEM MSO inclusion) 18-channel digital lead set; ground extenders (qty 20 class); flexible ground leads (qty 5 class); LeCroy bus and USB 2.0 cables (~1.3 m); carrying case; manuals Related Options
Digital sample rate	1 GS/s
Digital memory	10 Mpts/Ch

250 Specifications

PARAMETER	VALUE
Applications	Digital bus capture alongside analog channels; mixed-signal cross-trigger; embedded timing debug up to 250 MHz digital.
Key Features	- 18 digital channels
Technical Specifications	Model: MS-250
Digital Acquisition	Channels: 18
Related Options	MS-500: 500 MHz, 18 ch, 2 GS/s, 50 Mpts/Ch (higher-performance sibling)
Standard Operating Conditions	Observe digital input voltage limits in the MS-250 manual. Use supplied ground extenders for signal integrity on fast edges.

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	MS-250
Manufacturer	Teledyne LeCroy
Instrument Type	Mixed Signal Oscilloscope Module
Alias	MS-250; MS250

Digital Acquisition

Specifications

PARAMETER	VALUE
Channels	18
Sample Rate	1 GS/s
Record Length	10 Mpts/Ch
Maximum Input Frequency	250 MHz
Minimum Detectable Pulse Width	2 ns

Physical / Kit (typical OEM MSO inclusion)

18-channel digital lead set; ground extenders (qty 20 class); flexible ground leads (qty 5 class); LeCroy bus and USB 2.0 cables (~1.3 m); carrying case; manuals

Related Options

MS-500: 500 MHz, 18 ch, 2 GS/s, 50 Mpts/Ch (higher-performance sibling)

MS-500-36: 36-channel configuration class

Standard Operating Conditions

Observe digital input voltage limits in the MS-250 manual. Use supplied ground extenders for signal integrity on fast edges.

Operational Notes

Catalog listing as standalone “Mixed Signal Oscilloscope 250 MHz, 18 Channels” refers to the MS-250 module capability when attached to compatible LeCroy scope—not a standalone scope chassis.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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.