

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 3, 2026

LECROY

LeCroy MSO 64MXS-B

No photo

MODEL

LeCroy 64MXS-B

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

64MXS-B

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

- Analog: 600 MHz @ 50 Ω ; rise time 525 ps; 4 channels; 8-bit • Sample rate: 5 GS/s per channel; 10 GS/s interleaved • Memory: 16 Mpts/Ch; 32 Mpts interleaved • BW limit: 20 MHz, 200 MHz • Digital (MS-250): 18 ch; 1 GS/s; 10 Mpts/Ch; 250 MHz max input; 2 ns min pulse • Sensitivity: 2 mV–10 V/div (1 M Ω); 2 mV–1 V/div (50 Ω) • Input Z: 1 M Ω || 16 pF or 50 Ω • Max input: 50 Ω 5 Vrms; 1 M Ω 400 V max (DC+peak AC $\leq$ 5 kHz) • Display: 10.4" color touch; Ethernet, USB 2.0 (5), SVGA, audio

64MXSB Characteristics / Specifications

PARAMETER	VALUE
Model	MSO 64MXs-B
Manufacturer	Teledyne LeCroy
Instrument Type	Mixed Signal Oscilloscope
Alias	MSO 64MXS-B Analog
Bandwidth	600 MHz; Rise Time: 525 ps
Channels	4; Sample Rate: 5 GS/s / 10 GS/s interleaved
Memory	16 Mpts/Ch (32 Mpts interleaved)
Vertical Resolution	8 bits Digital (MS-250) 18 channels; 1 GS/s; 10 Mpts/Ch; 250 MHz max; 2 ns min pulse width Standard Operating Conditions OEM MXs-B specifications; use rated probes and 50 Ω /1 M Ω coupling as appropriate. Operational Notes
Catalog user listing cites 5 GS/s	interleaved 10 GS/s is available per OEM fact sheet. Distinguish from MSO 44MXs-B (400 MHz, no 10 GS/s interleave class).
Analog	600 MHz @ 50 Ω ; rise time 525 ps; 4 channels; 8-bit
Sample rate	5 GS/s per channel; 10 GS/s interleaved
BW limit	20 MHz, 200 MHz
Digital (MS-250)	18 ch; 1 GS/s; 10 Mpts/Ch; 250 MHz max input; 2 ns min pulse
Sensitivity	2 mV–10 V/div (1 M Ω); 2 mV–1 V/div (50 Ω)
Input Z	1 M Ω 16 pF or 50 Ω
Max input	50 Ω 5 Vrms; 1 M Ω 400 V max (DC+peak AC $\leq$ 5 kHz)
Display	10.4" color touch; Ethernet, USB 2.0 (5), SVGA, audio
Rise Time	525 ps; 4 channels; 8-bit - Sample rate: 5 GS/s per channel; 10 GS/s interleaved - Memory: 16 Mpts/Ch; 32 Mpts interleaved - BW limit: 20 MHz, 200 MHz - Digital (MS-250): 18 ch; 1 GS/s; 10 Mpts/Ch; 250 MHz max input; 2 ns min pulse - Sensitivity: 2 m

64MXSB Specifications

PARAMETER	VALUE
Applications	600 MHz embedded debug; mixed-signal timing; serial decode; higher-speed digital design validation.
Key Features	- Analog: 600 MHz @ 50 Ω ; rise time 525 ps; 4 channels; 8-bit
Technical Specifications	Model: MSO 64MXs-B
Standard Operating Conditions	OEM MXs-B specifications; use rated probes and 50 Ω /1 M Ω coupling as appropriate.

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	MSO 64MXs-B
Manufacturer	Teledyne LeCroy
Instrument Type	Mixed Signal Oscilloscope
Alias	MSO 64MXS-B

Analog

Specifications

PARAMETER	VALUE
Bandwidth	600 MHz; Rise Time: 525 ps
Channels	4; Sample Rate: 5 GS/s / 10 GS/s interleaved
Memory	16 Mpts/Ch (32 Mpts interleaved)
Vertical Resolution	8 bits

Digital (MS-250)
18 channels; 1 GS/s; 10 Mpts/Ch; 250 MHz max; 2 ns min pulse width

Standard Operating Conditions
OEM MXs-B specifications; use rated probes and 50 Ω/1 MΩ coupling as appropriate.

Operational Notes
Catalog user listing cites 5 GS/s – interleaved 10 GS/s is available per OEM fact sheet. Distinguish from MSO 44MXs-B (400 MHz, no 10 GS/s interleave class).

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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<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.