

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 3, 2026

LECROY

LeCroy MSO 104MXS-B

No photo

MODEL

LeCroy 104MXS-B

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

104MXS-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: 1 GHz @ 50 Ω ; rise time 350 ps; 4 channels; 8-bit • Sample rate: 5 GS/s; 10 GS/s interleaved
- Memory: 16 Mpts/Ch; 32 Mpts interleaved • BW limit: 20 MHz, 200 MHz • Max input (1 GHz models): 50 Ω 5 Vrms; 1 M Ω 250 V max (DC+peak AC $\leq$ 10 kHz) • Digital (MS-250): 18 ch; 1 GS/s; 10 Mpts/Ch; 250 MHz max; 2 ns min pulse • Display: 10.4" color touch; Ethernet, USB 2.0 (5), SVGA, audio

104MXSB Characteristics / Specifications

PARAMETER	VALUE
Model	MSO 104MXs-B
Manufacturer	Teledyne LeCroy
Instrument Type	Mixed Signal Oscilloscope
Alias	MSO 104MXS-B Analog
Bandwidth	1 GHz; Rise Time: 350 ps
Channels	4; Sample Rate: 5 GS/s / 10 GS/s interleaved
Memory	16 Mpts/Ch (32 Mpts interleaved)
Vertical Resolution	8 bits
Sensitivity	2 mV–10 V/div (1 M Ω); 2 mV–1 V/div (50 Ω) Digital (MS-250) 18 channels; 1 GS/s; 10 Mpts/Ch; 250 MHz max input frequency Standard Operating Conditions Observe lower 1 M Ω max voltage on 1 GHz MXs-B models vs 400/600 MHz models. Use appropriate probes.
User catalog cites 5 GS/s / 16 Mpts	matches OEM; interleaved 10 GS/s / 32 Mpts also available. Do not confuse with WaveSurfer 104Xs-A (lower memory Xs-A line).
Analog	1 GHz @ 50 Ω ; rise time 350 ps; 4 channels; 8-bit
Sample rate	5 GS/s; 10 GS/s interleaved
BW limit	20 MHz, 200 MHz
Max input (1 GHz models)	50 Ω 5 Vrms; 1 M Ω 250 V max (DC+peak AC $\leq$ 10 kHz)
Digital (MS-250)	18 ch; 1 GS/s; 10 Mpts/Ch; 250 MHz max; 2 ns min pulse
Display	10.4" color touch; Ethernet, USB 2.0 (5), SVGA, audio
Rise Time	350 ps; 4 channels; 8-bit - Sample rate: 5 GS/s; 10 GS/s interleaved - Memory: 16 Mpts/Ch; 32 Mpts interleaved - BW limit: 20 MHz, 200 MHz - Max input (1 GHz models): 50 Ω 5 Vrms; 1 M Ω 250 V max (DC+peak AC $\leq$ 10 kHz) - Digital (MS-250): 18 ch; 1 GS/s;

104MXSB Specifications

PARAMETER	VALUE
Applications	1 GHz analog/digital debug; high-speed embedded; serial data trigger/decode; mixed-signal validation.
Key Features	- Analog: 1 GHz @ 50 Ω; rise time 350 ps; 4 channels; 8-bit
Technical Specifications	Model: MSO 104MXs-B
Standard Operating Conditions	Observe lower 1 MΩ max voltage on 1 GHz MXs-B models vs 400/600 MHz models. Use appropriate probes.

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 104MXs-B
Manufacturer	Teledyne LeCroy
Instrument Type	Mixed Signal Oscilloscope
Alias	MSO 104MXS-B

Analog

Specifications

PARAMETER	VALUE
Bandwidth	1 GHz; Rise Time: 350 ps
Channels	4; Sample Rate: 5 GS/s / 10 GS/s interleaved
Memory	16 Mpts/Ch (32 Mpts interleaved)
Vertical Resolution	8 bits
Sensitivity	2 mV-10 V/div (1 M Ω); 2 mV-1 V/div (50 Ω)

Digital (MS-250)
18 channels; 1 GS/s; 10 Mpts/Ch; 250 MHz max input frequency

Standard Operating Conditions
Observe lower 1 M Ω max voltage on 1 GHz MXs-B models vs 400/600 MHz models. Use appropriate probes.

Operational Notes
User catalog cites 5 GS/s / 16 Mpts - matches OEM; interleaved 10 GS/s / 32 Mpts also available. Do not confuse with WaveSurfer 104Xs-A (lower memory Xs-A line).

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.