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Data Sheet

August 31, 2026

LECROY

LeCroy 232 WaveAce Digital Oscilloscope 300 MHz, 2 Channel

SBS / Greenspring IP-Octal-232 Eight-Port RS-232 Serial IndustryPack The SBS / Greenspring IP-Octal-232 (also called IP-Octal Serial) implements eight EIA-232 asynchronous serial ports on a single-wide IndustryPack using a Signetics SCC2698B octal UART. Each port provides RXD TXD RTS and CTS. Eight additional TTL general-purpose inputs are included. Each receiver has a three-character FIFO. Eighteen programmable baud rates reach 38.4 kbps with programmable bit length parity and stop bits. Literature also cites four independent 16-bit timers and optional DMA use of two serial channels. The SBS / Greenspring IP-Octal-232 (also called IP-Octal Serial) implements eight EIA-232 asynchronous serial ports on a single-wide IndustryPack using a Signetics SCC2698B octal UART. Each port provides RXD TXD RTS and CTS. Eight additional TTL general-purpose inputs are included. Each receiver has a three-character FIFO. Eighteen programmable baud rates reach 38.4 kbps with programmable bit length parity and stop bits. Literature also cites four independent 16-bit timers and optional DMA use of two serial channels. Multi-port console and instrument control, modem banks, factory serial concentrators, and ATE RS-232 fan-out on IndustryPack carriers.



MODEL

Lecroy 232

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

232

LISTING

<https://aumictechlabs.com/products/232-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The LeCroy 232 WaveAce is a 300 MHz, 2-channel digital oscilloscope engineered for signal measurement, waveform analysis, and circuit debugging across design and manufacturing environments. This compact instrument delivers 1.2 ns rise time with single-shot sampling to 2 GS/s (interleaved) or 1 GS/s across all channels, plus 50 GS/s RIS capability for bandwidth-intensive measurements. The 5.7-inch color display (320 × 240 pixels) provides real-time waveform visualization with 8-bit vertical resolution spanning 2 mV/div to 5 V/div. Memory capacity reaches 9 kpts per channel (18 kpts interleaved), with extended storage up to 10 kpts per channel. A 20 MHz bandwidth limiting filter reduces noise in low-frequency applications.

Technical Specifications
Bandwidth: 300 MHz
Channels: 2 analog
Rise Time: 1.2 ns
Sample Rate (single-shot): 2 GS/s interleaved; 1 GS/s all channels
Sample Rate (RIS): 50 GS/s
Vertical Resolution: 8-bit
Vertical Sensitivity: 2 mV/div to 5 V/div
Time Base: 2.5 ns/div to 50 s/div
Input Voltage (max): 400 V peak, 5 Vrms @ 50 Ω
Input Impedance: 1 MΩ || 13 pF or 50 Ω
Bandwidth Limiting Filter: 20 MHz maximum
Waveform Memory: 9 kpts/channel standard; up to 10 kpts/channel extended
Display: 5.7-inch color, 320 × 240 resolution
Power: 100–240 VAC
Dimensions: 154 mm H × 305 mm W × 133 mm D
Weight: 2.3 kg

Key Features
Advanced triggering: Edge, Pulse Width, Video, and Slope (Rise Time)
32 automatic measurement parameters with simultaneous display of up to 4 or full dashboard view
Math functions: Addition, subtraction, multiplication, division, plus FFT (1 kpts, 4 windows, 2 vertical scales)
Peak detection with 2.5 ns period resolution
Dual switchable 10:1/1:1 passive probes included
Internal storage: 20 waveforms, 20 setups, 2 reference waveforms

Connectivity & Integration
USB Host (front): Screen image, waveform, and setup export to memory stick
USB Device (rear): PC and printer connectivity
RS-232 port (rear): Remote PC control
LAN interface
EasyScope software for remote control and data transfer

Typical Applications
Power supply troubleshooting, digital signal integrity verification, embedded system debug, analog circuit characterization, and educational lab work.

232 Characteristics / Specifications

PARAMETER	VALUE
Model	IP-Octal-232
Alternate Name	IP-Octal Serial
Instrument Type	eight port RS-232 IndustryPack
Card Format	single wide IndustryPack ANSI VITA 4
Serial Ports	8
Interface Standard	EIA-232 asynchronous
Signals Per Port	RXD TXD RTS CTS
Uart Device	Signetics SCC2698B
Receiver Fifo Depth	3 characters per channel
Baud Rates Programmable	18 rates
Baud Rate Maximum	38.4 kbps
Data Format	programmable bit length parity and stop bits
Gpio Inputs	8 TTL level general purpose inputs
Timers	4 independent 16-bit timers
Dma Capable Channels	2 serial channels may be configured for DMA
Cts Auto Control	automatic CTS transmitter control supported
Change Of State Interrupts	supported
Module Width	single wide
Part Number Examples	95021 0340-1033 91410332
Carrier Interface	IndustryPack logic interface
Dimensions Typical Ip	1.800 by 3.900 by 0.340 inches maximum
Mezzanine Standard	ANSI VITA 4 IndustryPack
Logic Connector	IndustryPack logic interfaceIOConnector: IndustryPack 50-pin I/O class

232 Specifications

PARAMETER	VALUE
Applications	Multi-port console and instrument control, modem banks, factory serial concentrators, and ATE RS-232 fan-out on IndustryPack carriers.
Key Features	Eight EIA-232 ports with hardware flow control signals
Technical Specifications	Model: IP-Octal-232

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	
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Notes	
From Greenspring SBS Abaco IP-Octal Serial / IP-Octal-232 Artisan OEM descriptions. Confirm connector pinout against the carrier I/O transition module.	

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

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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.