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Data Sheet

August 31, 2026

LECROY

LeCroy 3122 Digital Oscilloscope 120MHz, 2 Channel

Burst Interval Timer Maximum: 687 s repetitive or single shot Standard Mode Reprogram Code: write 00F7 hex to relative address 0006 for 50 kHz Bus Interface: VMEbus slave with programmable interrupter From GE/VMIC VMIVME-3122 hardware description and published electrical tables for gains, ranges, rates, and buffer sizes. Queue SKUs such as VMIVME-3122-000/-001/-010/-200/-420 are ordering suffixes of the same scanning ADC family. Standard Mode Reprogram Code: write 00F7 hex to relative address 0006 for 50 kHz Bus Interface: VMEbus slave with programmable interrupter From GE/VMIC VMIVME-3122 hardware description and published electrical tables for gains, ranges, rates, and buffer sizes. Queue SKUs such as VMIVME-3122-000/-001/-010/-200/-420 are ordering suffixes of the same scanning ADC family.



MODEL

Lecroy 3122

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

3122

LISTING

<https://aumictechlabs.com/products/3122-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The LeCroy 3122 is a 120 MHz, 2-channel arbitrary waveform generator delivering high-fidelity signal synthesis for electronic testing and design validation. Operating at up to 500 MS/s with 14-bit resolution and 512 kpts memory depth, it generates standard waveforms - sine, square, triangle, ramp, and pulse - plus over 40 built-in arbitrary waveforms. The 4.3-inch color TFT LCD

display provides real-time waveform visualization with on-screen parameter readout. Technical Specifications Bandwidth: 120 MHz Channels: 2 Sample Rate: Up to 500 MS/s Vertical Resolution: 14-bit Memory Depth: Up to 512 kpts Display: 4.3-inch color TFT LCD Power Input: 100–240 V AC, 50/60 Hz Power Consumption: 50 VA maximum (50 W) Operating Temperature: 0 to 40 °C Operating Humidity: 80% RH max (≤ 31 °C), decreasing linearly to 50% RH at 40 °C Maximum Altitude: 3,048 m (10,000 ft) at or below 30 °C Weight: 6.1 lbs (2.8 kg) Form Factor: Benchtop Key Features Standard and arbitrary waveform synthesis Graphical waveform editing via included PC software (WaveStation) Modulation support: Multiple modulation schemes Sweep modes: Linear and logarithmic sweeps, burst operation Frequency counter with on-screen display Digital filtering tools for advanced waveform creation Connectivity USB 2.0 (Type A to B) GPIB interface Rear panel I/O for synchronization Front panel USB port for waveform storage Compatibility & Integration WaveStation PC Software (included) enables graphical waveform creation and editing on Windows-based systems. Direct signal transfer from a WaveAce oscilloscope to the LeCroy 3122 is possible when both instruments connect to the same PC, streamlining measurement-to-generation workflows.

3122 Characteristics / Specifications

PARAMETER	VALUE
Model	VMIVME-3122
Instrument Type	High-performance 16-bit scanning analog to digital converter board
Card Form Factor	6U VME
Digitizing Resolution	16 bits
Input Channels	64 differential or single-ended
Program Controlled Gain	x1 or x10
Ad Range Plus Minus 2.5 V	jumper selectable
Ad Range Plus Minus 5 V	jumper selectable
Ad Range Plus Minus 10 V	jumper selectable
Ad Range 0 To 5 V	jumper selectable
Ad Range 0 To 10 V	jumper selectable
Conversion Rate Standard	381 Hz to 50 kHz
Conversion Rate High Performance Option	381 Hz to 100 kHz
Default After Reset Scan Rate	100 kHz 64-channel autoscanning gain x1
Data Buffer Size	16 to 1024 words binary increments
Channel Block Sizes	1, 8, 16, 32, or 64 channels
Burst Sample Count	8 to 1024 channel samples
Burst Interval Timer Maximum	687 s repetitive or single shot
Address Space A	supported
Operating Mode Autoscanning	supported
Operating Mode Data Bursts	supported
Operating Mode External Sync	supported
Standard Mode Reprogram Code	write 00F7 hex to relative address 0006 for 50 kHz
Bus Interface	VMEbus slave with programmable interrupter

PARAMETER	VALUE
Ordering Alias Base	VMIVME-3122-000

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.

Performance 16-Bit Analog Scanning ADC

Overview

The Abaco (VMIC/GE) VMIVME-3122 is a 16-bit 64-channel scanning analog digitizer for VMEbus. OEM VMIVME-3122 manuals rate dual-ported buffers from 16 to 1024 words, software gains x1 or x10, jumper ranges plus or minus 2.5 V through 0 to 10 V, and conversion rates from 381 Hz to 50 kHz standard or 100 kHz high-performance option.

Applications

High-channel-count analog acquisition for industrial automation, process control, and VME data systems needing minimal host overhead.

Key Features

Autoscanning timed burst and externally synchronized modes
Per-channel or global programmable gain
Dual-port data buffer with middle or end of scan interrupts
Optional low pass input filters
Interval timer for repetitive bursts to 687 s

Technical Specifications

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Data Buffer Size	16 to 1024 words binary increments
Channel Block Sizes	1, 8, 16, 32, or 64 channels
Burst Sample Count	8 to 1024 channel samples

PARAMETER	VALUE
Burst Interval Timer Maximum	687 s repetitive or single shot
Address Space A16	supported
Address Space A24	supported
Address Space A32	supported
Operating Mode Autoscanning	supported
Operating Mode Data Bursts	supported
Operating Mode External Sync	supported
Standard Mode Reprogram Code	write 00F7 hex to relative address 0006 for 50 kHz
Bus Interface	VMEbus slave with programmable interrupter

Ordering Alias Base: VMIVME-3122-000

Notes
From GE/VMIC VMIVME-3122 hardware description and published electrical tables for gains, ranges, rates, and buffer sizes. Queue SKUs such as VMIVME-3122-000/-001/-010/-200/-420 are ordering suffixes of the same scanning ADC family.

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.