



# METAF

Electronic Solutions – since 1993

LC334A  
LC374A  
LC534A  
LC574A

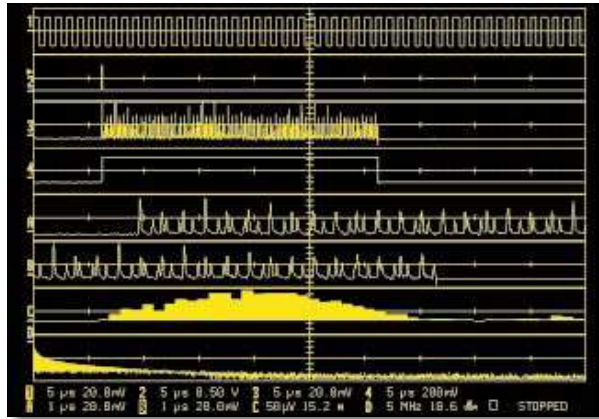
## MAIN FEATURES

- 500 MHz and 1 GHz Bandwidth
- 2 GS/s and 4 GS/s Single-Shot Sample Rate
- 8 Million Points of Acquisition Memory
- 4 ms Maximum Sample Rate Window
- 96 MHz PowerPC Microprocessor
- 8 to 64 MB System RAM
- 9" Color Display with 8 Traces
- Analog Persistence
- Full Screen Grid

Digital oscilloscopes from LeCroy are designed to save engineers valuable time in troubleshooting and problem-solving.

Each oscilloscope is an integrated and powerful system providing the capability to:

- Capture the key events with high resolution for longer time intervals
- View data like never before, giving you more information more quickly, with a large, color CRT and advanced display techniques



- Analyze your signal to get answers quickly and more accurately with a powerful processing system and math packages.

## 9" COLOR DISPLAY

LeCroy provides a very large, sharp oscilloscope screen that is 50% larger in total viewing area than a 7" screen.

Its powerful features include Analog Persistence, Color-Graded Persistence, Full Screen mode, Opaque or Transparent display, color association, and personal color schemes. These provide the user with outstanding benefits that accelerate visual processing and effective communication of on-screen information.

## HIGH-SPEED ACQUISITION

The design and debug of fast digital systems and the need to capture fast transient signals require high-speed signal capture. The LC574A four-channel, 1 GS/s, 1 GHz bandwidth DSO operates at a 4 GS/s sample rate for single-channel inputs. The high sample rate, bandwidth and the 1 GHz trigger bandwidth provide a flexible solution for capturing and viewing fast risetime signals.

## LARGE SAMPLE RATE WINDOW

Having a high sample rate in a DSO is only the first step to preserving data integrity. The time window over which this sample rate is available is also of critical importance. Long acquisition memory maintains the oscilloscope's highest sample rate for large time windows allowing the user to sample long signals with high horizontal resolution.

With up to 8 million points of acquisition memory, the maximum sample rate of the LC574AL of 4 GS/s (2 GS/s in LC334AL and LC534AL) is maintained for a time window of 2 ms (4 ms in LC334AL and LC534AL). This sample rate window enables the user to record long signals with high resolution.

## OPTIMUM PERFORMANCE

SMARTMemory is a total memory management system that dynamically allocates resources of microprocessor power, acquisition memory and processing RAM. The intelligent management provided by SMARTMemory guarantees optimal usage of oscilloscope resources.

LC334A/374A/534A/574A SERIES - 500 MHz/1 GHz



<http://www.lecroy.com/scopes>





