



DEVICE CURRENT ANALYZERS | CX3322A & CX3324A

High-Precision Dynamic Current and Voltage Measurements



Key Features

Wide bandwidth and fast sampling rate

200 MHz bandwidth and 1 GSa/s sampling ensure clear capture of dynamic power rail current behavior beyond a conventional oscilloscope, enabling optimization of device's dynamic current consumption in low-power devices.

Low-level current measurement

A sub nA noise floor combined with 14 or 16 bit ADC resolution ensures accurate low level current measurement, enabling optimization of sleep current consumption in low-power devices.

Long-duration data logging

Up to 100 hours of continuous waveform capture ensures uninterrupted monitoring of device operation, enabling reliable detection of rare abnormal behavior in mission critical devices.

Agile machine learning analysis

Accelerated machine learning based waveform analytics ensure rapid identification of anomalies in large volumes of data, enabling efficient and reliable debugging of mission critical devices.

Data Sheets

- CX3300A Series Device Current Waveform Analyzer

Product Fact Sheet

- CX3300 Series Device Current Waveform Analyzer

Configuration Guide

- CX3300 Series Device Current Waveform Analyzer

Catalogs

- Power Analyzer Catalog
- IoT Device Battery Life Test Solutions

Videos

- CX3300 YouTube Playlist
- Video Collection Page

Case Study

- Accelerate the Development of Advanced Wearable Devices

Application Notes

- Non-Volatile Memory Devices Characterization
- 7 Hints for Precise Current Measurements
- Best Practices for Using the CX3300A's Data Logger Mode

Webpage Content

- CX3300A Series Device Current Analyzers

Images

- CX3300A Product Images

Training

- CX3300 Partner Training
- Keysight CX3300 Series Device Current Waveform Analyzer