

**Jauch** THE PULSE OF PROGRESS  
**JT21G SMD TCXO for GPS applications**  
 Learn More >> Jauch JT21G SMD TCXO is ideal for GPS



**Digi-Key** AUTHORIZED DISTRIBUTOR  
 Schedule Shipments

## Semiconductor Equipment

# New mixed signal oscilloscope is good to go

Tony Pallone  
 16 June 2022

Share



This 2 Series Mixed Signal Oscilloscope boasts a 1.5-in form factor and a weight under 4 pounds. Source: Tektronix Inc.

Benchtop performance in a portable oscilloscope? Sign us up!

The 2 Series Mixed Signal Oscilloscope (MSO) from Tektronix Inc. boasts a 1.5 inch form factor and a weight under 4 lb; it can fit into a small backpack and travel seamlessly from bench to field and back. Offering up to eight hours of battery power, the device supports advanced debugging operations within a single instrument: Built-in capabilities include a pattern generator, voltmeter and frequency counter, plus an optional arbitrary function generator (AFG).

The 2 Series also offers the feel of a mobile device, with intuitive debugging. Colored LEDs are used in the design of ring lights around the knobs to indicate active sources or parameters to adjust, and in the design of lights under the buttons to indicate status. A 10.1 inch touchscreen display and a simplified front panel, limited to only the most critical controls, complete the package.

“This breakthrough product was a direct result of our proven growth accelerator innovation process and continued focus on our customers,” said Tami Newcombe, Tektronix president. “Our team worked closely with engineers to deeply understand their unique needs. We cannot wait to see how the 2 Series MSO improves the way our customers work.”

At least one aspect of the device seems squarely aimed at addressing those unique needs: natively integrated software tools that allow engineers to collaborate, troubleshoot and debug designs across time zones. The 2 Series MSO includes the company’s TekDrive workspace in the cloud, where engineers can upload, store, organize and share files from connected devices. Users can also perform analysis on a waveform and save it back to the cloud for immediate viewing and feedback from peers.

Additional product features include:

- Bandwidths from 70 MHz to 500 MHz
- Max sample rate: 2.5 GS/s
- Available with two or four analog channel inputs
- 50 MHz arbitrary function generator (optional)
- 16 MSO channels for testing digital circuits (available with future software release)
- Built-in pattern generator, voltmeter and frequency counter (available with future software release)
- Optional detachable battery pack, providing up to eight hours of power
- Support for a variety of probes to capture a wide range of signals

Share

Discussion – 0 comments

Powered by CR4, the Engineering Community

By posting a comment you confirm that you have read and accept our [Posting Rules](#) and [Terms of Use](#).

### SEMICONDUCTOR EQUIPMENT

#### Top 10 Electronics360 articles of 2022

SEMICONDUCTOR EQUIPMENT

#### TSMC enters volume production with 3 nm process technology

SEMICONDUCTOR EQUIPMENT

#### Ready to ROCK? Meet the single board computer you always wanted

SEMICONDUCTOR EQUIPMENT

#### An overview of the Chip 4 Alliance and its ramifications

SEMICONDUCTOR EQUIPMENT

#### Nearly \$200 billion in investments already attributed to CHIPS and Science Act

SEMICONDUCTOR EQUIPMENT

### RELATED ARTICLES

#### New oscilloscope a welcome addition to the Tektronix family

SEMICONDUCTOR EQUIPMENT

#### Saelig introduces 2 GHz, four-channel digital oscilloscope series

INDUSTRIAL ELECTRONICS

#### Siglent’s top oscilloscope includes 7 software bundles

MULTIMEDIA

#### SIGLENT offering free bandwidth upgrade with its top line oscilloscopes

MULTIMEDIA

#### Confident debugging with Teledyne

SEMICONDUCTOR EQUIPMENT

**infineon**

**MOTIX™ 6EDL7141 Board for High Performance System Solutions**  
 Reduce system cost and time-to-market



**Digi-Key** AUTHORIZED DISTRIBUTOR  
 Fast, Reliable Shipping  
 Learn More >>

**Electronics360**  
**Weekly Newsletter**

Get news, research, and analysis on the Electronics industry in your inbox every week - for FREE

Sign up for our FREE eNewsletter

Get the Free eNewsletter

**Jauch** THE PULSE OF PROGRESS  
**JT21G SMD TCXO for GPS Applications**  
 Jauch JT21G SMD TCXO is ideal for GPS



**Digi-Key** AUTHORIZED DISTRIBUTOR  
 Schedule Shipments  
 Learn More >>

### Popular News

1. IIoT devices can perform for decades with powerful lithium batteries
2. Resistance of a resistor: How to determine resistance values
3. CES 2023: What new OLED TVs will be introduced?
4. Netherlands, Japan join US in China semiconductor trade restrictions
5. An overview of the Chip 4 Alliance and its ramifications

**Datasheets360**  
 Find Free Electronics Datasheets

Price and Availability Powered by **TrustedParts.com**

**Jauch** THE PULSE OF PROGRESS  
**JT21G SMD TCXO for GPS applications**  
 Jauch JT21G SMD TCXO is ideal for GPS



**Digi-Key** AUTHORIZED DISTRIBUTOR  
 Schedule Shipments  
 Learn More >>