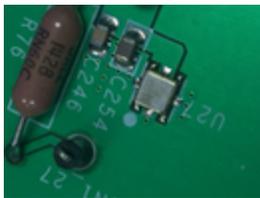


IoT Design Weekly, the industry source for products, news, and technologies supporting Internet of Things developers.

View our [archive](#) of past issues of the IoT Design E-newsletter.

IoT Design Weekly ? 02.14.2019

Features



How to Improve Voltage Reference Stability for Better IoT Sensor Accuracy

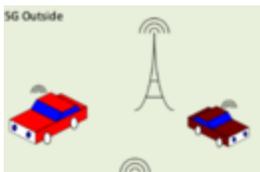
Accuracy

Whenever you measure something, you need a reference to measure against. In an electronic system that measures voltage ? whether it?s a general-purpose instrument like a digital multimeter (DMM), a circuit that measures the voltage drop on a resistor to determine current, or a sensor interface that measures the output voltage from a specific type of sensor ? you need a voltage reference to ensure that your measured values are correct.

[How Connectivity Solves the Technical Challenges of the Industrial IoT](#)

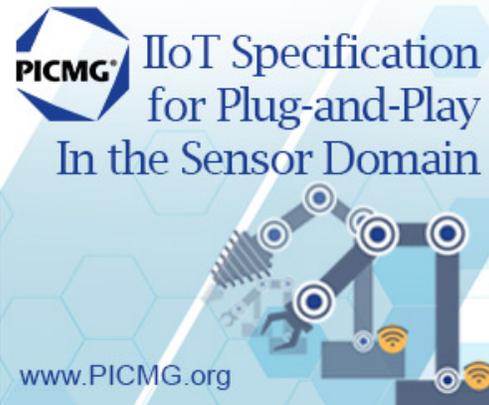
Sponsor: RTI

Date: February 27, 2019 2:00 p.m. ET



Bring Determinism to V2X Networks with MEMS Timing

Autonomous vehicle communications will encompass both the super-critical, like conversations between cars about who?s going where when, and the convenient, like streaming music. All must work reliably to ensure a safe, comfortable ride.



Marketplace



SPONSORED: Heightened Security - Protect IP and Deploy

Secure Connected Systems with New ATECC608A CryptoAuthentication Device

From remote cyberattacks to the creation of counterfeit products, widespread security threats are affecting industries around the globe. When carried out, these threats can lead to substantial losses in service revenue, escalating recovery costs and, perhaps most significantly, irreparable damage to brand equity. Now more than ever, it is critical to implement robust security into new and existing designs to protect Intellectual Property (IP) and enable trusted authentication of connected devices.



Ingredients for an Industrial SSD

Industrial IoT and Industry 4.0 are far closer than at the verge of the horizon, and they bring with them

disruptive changes and a demand for reliable data storage.



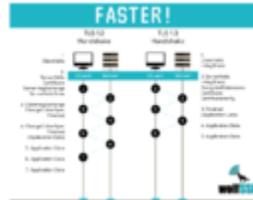
Industry 4.0: Making the Most of Legacy Infrastructure Without Compromise

Industry 4.0, with the IIoT at its heart, is set to become the biggest disruptor in manufacturing since the industrial revolution. According to IDC (International Data Corporation), global IoT spend will top \$1.29 trillion in 2020, with manufacturing the single largest segment.



Meet us at Embedded World booth 4-318

where we will be demonstrating how target integration testing of our SafeTCPIP SEooC, developed to ISO 26262, can achieve full MC/DC coverage on the target system.



SPONSORED: Advantages of Using TLS 1.3: FASTER, More Efficient, More Secure

One significant difference you will notice is the reduced number of round-trips when performing a full handshake. Older versions of the TLS protocol require two complete round-trips before the client sends the application data.



SPONSORED: The Future of Music Is for Everyone? Even the Deaf

For Mick Ebeling, CEO of Not Impossible Labs, the fact that the deaf can't

experience music in the same way as the hearing seemed absurd. While "hearing" music does involve the different parts of the ear, there are many other parts of the brain that play into our perception of music. People who are deaf still take in the sounds of music, just in a different format: as vibrations.

Subscribe to IoT Design in print and online.

Contact the editor, **Brandon Lewis**