

Epson to Showcase Quartz MEMS IMU Technology at Small Satellite Conference 2026

Inertial sensing experts to present latest radiation-exposure test results and discuss technology roadmap for small spacecraft and autonomous space systems

LOS ALAMITOS, CA, UNITED STATES,
August 21, 2026 /EINPresswire.com/ --
Epson to Showcase Quartz MEMS IMU
Technology at Small Satellite
Conference 2026



Epson Small Sat Press Image

Inertial sensing experts to present latest radiation-exposure test results and discuss technology roadmap for small spacecraft and autonomous space systems

LOS ALAMITOS, Calif. 21 August 2026 – Epson will showcase its high-performance Quartz MEMS inertial measurement unit (IMU) technology for next-generation small spacecraft at the [Small Satellite Conference \(SmallSat\) 2026](#), taking place August 23–26 in Salt Lake City, Utah. Visitors can meet Epson's inertial sensing specialists at Booth #2005.

As small satellites take on increasingly demanding missions, accurate and dependable inertial sensing is becoming an important part of guidance, navigation, and control (GNC) architectures. At SmallSat, Epson will demonstrate how its Quartz MEMS IMU technology supports applications ranging from LEO constellations and Earth observation platforms to precision pointing and autonomous spacecraft.

A particular focus at SmallSat will be Epson's continuing work to characterize its inertial technology for space environments. The company will share its latest radiation-exposure test results, discuss ongoing space-environment qualification activities, and outline its near-term roadmap for expanded environmental and reliability validation.

Epson's IMU technology combines its expertise in precision sensing with proprietary Quartz MEMS technology to provide highly stable inertial measurements in a compact form factor. For spacecraft developers, this can help achieve accurate angular-rate and acceleration

measurements while meeting demanding size, weight, and power requirements as more functionality is integrated into increasingly compact satellite platforms.

Visitors to the Epson booth will be able to discuss specific GNC requirements with the company's inertial sensing specialists including precision pointing, attitude determination and control, autonomous navigation, and other applications where reliable inertial information is required independently of external positioning references.

The Epson team will also be available to discuss requirements associated with different mission profiles, including LEO constellations, Earth observation, remote sensing, and more demanding space missions.

SmallSat 2026 provides an opportunity for spacecraft designers and system developers to learn more about Epson's continuing investment in the testing and validation required to expand the role of its high-performance inertial sensing technology within the space sector.

Visit Epson at Booth #2005 at SmallSat 2026, August 23–26, in Salt Lake City, Utah.

Click for more information on Epson Microdevice product line

###

About Epson Microdevices

Epson Microdevices is a leading global supplier of high-performance components, including semiconductors and quartz crystal-based inertial sensors and timing devices such as crystal units and oscillators. Epson Microdevices integrates Japanese manufacturing excellence with marketing, sales, and engineering expertise to deliver world-class products and services. A pioneer in the crystal device market since the 1960s, Epson's in-house production of raw quartz and semiconductors drives innovation in quality, power savings, miniaturization, and performance. For more information, visit <https://epson.com/microdevices>.

About Epson

Epson is a technology innovation and engineering company whose philosophy of efficient, compact and precise innovation enriches lives and helps create a better world. The company uses technology and engineering ability to implement real-world solutions in precision innovation, industrial and robotics, office and home printing, and visual and lifestyle.

Led by the Japan-based Seiko Epson Corporation, the worldwide Epson Group generates annual sales of more than JPY 1.4 trillion. corporate.epson/en

Epson America, Inc., based in Los Alamitos, Calif., is Epson's regional headquarters for the U.S., Canada and Latin America. To learn more about Epson, please visit: epson.com. You may also connect with Epson America on Facebook (facebook.com/Epson), X (x.com/EpsonAmerica), YouTube (youtube.com/epsonamerica) and Instagram (instagram.com/EpsonAmerica).

###

EPSON is a registered trademark of Seiko Epson Corporation. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2026 Epson America, Inc.

Eden Shelley
Napier Partnership Limited
+441243531123
[email us here](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/935670201>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.