

Quantic® Electronics to Showcase RF&MW Innovation for Mission-Critical Applications at IMS 2024 Booth #1251

EAST PROVIDENCE, RHODE ISLAND, May 22, 2024 – [Quantic® Electronics](#) today announced that it will exhibit at the 2024 International Microwave Symposium (“IMS”) in Washington, DC, June 18th-20th. Engage with experts from Quantic and its businesses [Quantic Corry](#), [Quantic Eulex](#), [Quantic MWD \[Microwave Dynamics\]](#), [Quantic M-Wave](#), [Quantic Ohmega Ticer](#), [Quantic PMI \[Planar Monolithics\]](#), [Quantic TRM](#), [Quantic Wenzel](#) and [Quantic X-Microwave](#) as they host live demonstrations and showcase new products for mission-critical electronics applications in Booth #1251.

Quantic is defining and delivering the future of mission-critical electronics, offering a portfolio of RF & microwave components, capacitors, resistors, magnetics, and sensing products. These reliable, off-the-shelf and purpose-built solutions empower customers to achieve significant advancements in speed, power, and density within their designs.

“We are excited to showcase our latest RF & microwave advancements in mission-critical electronics at IMS 2024,” said Jessen Wehrwein, Chief Growth Officer, Quantic Electronics. “Our commitment to innovation and reliability ensures customers have access to the high-performance components they need to solve their difficult design challenges.”

Highlights at Quantic Booth #1251 include:

- **Live demonstrations:** Witness the exceptional performance of our ultra-low phase noise frequency control and timing components under vibration.
- **Interactive design environments:**
 - Explore Quantic X-Microwave's Layout Tool – an online platform that simplifies part selection, layout, and analysis for signal chains built with X-MWblocks.
 - Analyze measured data for X-MWblocks, provided by AMCAD Engineering, a leading provider of testing, modeling and simulating RF electronic circuits.

Broad product portfolio: Discover a wide range of solutions, including:

- 3U OpenVPX SOSA-aligned card assemblies and rapid prototyping capabilities.
- Flexible RF/MW drop-in components (X-MWblocks) for accelerated prototyping.
- Custom-designed passive and active RF/MW solutions, including RF filters, multiplexers, and switching products.
- Ultra-low phase noise microwave components
- A patented and disruptive gap capacitor designed as a replacement for the single-layer wire-bondable ceramic capacitor offering a gain of up to 20x capacitance
- Power-dense hybrid tantalum capacitors ideal for pulsed power space applications

- Embedded resistor solutions (OhmegaPly®, TCR®, and TCR-EHF®)
- Leading passive waveguide and coaxial components, including isolators, circulators, adapters and terminators

Quantic will also feature in the following technical events:

- Technical Symposium
 - Voice of the Founder Panel
 - Tuesday, June 18th at 11 AM
 - John Richardson, CTO and Founder, [Quantic X-Microwave](#)
 - Technical Paper | Incorporating Resistive Foil RF Attenuators and Equalizers into PCBs from DC to 67 GHz: Design, Analysis and Experimental Validation
 - Demonstration at Industry Showcase on Monday, June 17th at 3:10 PM
 - Paper Presentation on Tuesday, June 18th at 5 PM
 - John Richardson, CTO and Founder, [Quantic X-Microwave](#) and Lisa Wilhelm, General Manager, [Quantic Ohmega Ticer](#)
- MicroApp Seminars
 - Bandwidth Trades in Passive Microwave Components
 - Thursday, June 20th at 9:30 AM
 - Shaun Moore, CTO, [Quantic TRM](#)
 - Improving Synthesizer Performance with Ultra-Low Phase Noise Frequency References
 - Thursday, June 20th at 2:30 PM
 - Mike Sawicki, Sales Engineer, [Quantic Wenzel](#)

To schedule a meeting or to learn more, contact Quantic at inquiries@quanticnow.com

About Quantic Electronics

Quantic is an electronic component and integrated assembly company focused on defining and delivering the future of mission-critical electronics. We have over a century of combined experience as reliable problem-solvers and trusted partners in military, aerospace, industrial and commercial markets. For more information, visit www.quanticnow.com.

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