

## June 2019 Microwave Journal

### *Theme: Semiconductors/MMICs/RFICs*

*Microwave Journal's* June issue explores the continued advancement of semiconductors, MMICs and RFICs which are pushing boundaries and opening up new frontiers. This issue highlights the design and development of these devices, including the evolution of 5G and considers the practicalities of system implementation and commercial application.

#### Articles:

- **Cover Feature:** Carbon Nanotube-Based RF Amplifiers Solve Linearity and Power Conundrum
- Fully Integrated 140 GHz FMCW Radar Transceiver for Vital-Sign Monitoring and Gesture Recognition
- Adopting the 64–71 GHz Band for Fixed Wireless Access
- Overcoming SWaP-C Challenges for Emerging mmWave 5G Systems

**Ad Close: May 10**

**Ad Material Due: May 15**

#### Web & Video Update

This issue will feature a Web & Video Update focused on new sites, updated web content, new user tools and/or video highlights aimed at RF and microwave engineers. To be included, please send 80 words and a relevant screen capture or high resolution image and URL to online/video content to Ashleigh West at [Awest@mwjournal.com](mailto:Awest@mwjournal.com) by **May 7, 2019**.

#### Aerospace & Defense Electronics Supplement

This supplement considers the development of aerospace and defense electronics, emphasizing the role that RF and microwave technology plays in COTS offerings as well as next generation radar and space applications.

- **Cover Feature:** Adaptable GaN Power Amplifier for S-Band Radar Applications
- Mil-Spec Coaxial Assemblies: the Shift from Custom Proprietary to COTS
- Thermal Power Handling and Testing of RF PCBs for Deep Space Communication

**Ad Close: May 7**

**Ad Material Due: May 10**

#### Company Showcase

Supplement advertisers booking a half-page or greater are invited to supply an 80 word description, together with a high resolution image showcasing a new A&D product offering, catalog/literature, company profile or web update to Ashleigh West

at [Awest@mwjournal.com](mailto:Awest@mwjournal.com) by **May 6, 2019**.

**BONUS DISTRIBUTION: *Microwave Journal* June Aerospace & Defense Electronics Supplement**

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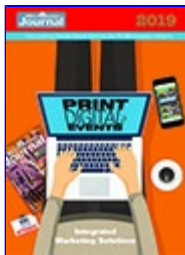
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