

## June 2018 Theme:

### *Diamond Anniversary Issue + Semiconductors & Packaging*

To mark its 60<sup>th</sup> Anniversary this issue of *Microwave Journal* aptly considers how diamonds can be an RF and microwave engineer's best friend by highlighting the cutting edge diamond-based technology that is being developed by our industry. It also considers how the continued advancement of Semiconductors & Packaging is pushing boundaries and opening up new opportunities.



#### Articles:

- **Cover Feature:** Diamonds are Forever for RF Engineers Feeling the Heat
- Design of Broadband High Efficiency, Backed Off GaN PAs
- A New Symbolically Defined Model for InP Heterojunction Bipolar Transistors
- Application Note: mmWave On-Wafer Load-Pull Measurements for 5G Applications

**Ad Close: May 11**

**Ad Material Due: May 15**

#### Celebrating Anniversaries - Call for Submissions!

Having reached its 60<sup>th</sup> anniversary *Microwave Journal* is proud to be the longest serving media to the industry. While celebrating our own landmark, we also want to recognize the milestones of the wider RF and microwave community. So if your company is celebrating a special anniversary this year we would like to include your story in this issue of MWJ. For consideration, please send material to [phindle@mwjournal.com](mailto:phindle@mwjournal.com) with up to 100 words and high resolution photo by **April 30, 2018**.

#### Web & Video Update

This issue will feature a Web & Video Update focused on new sites, updated web content and/or user tools aimed at RF and microwave engineers. *Microwave Journal* invites advertisers to submit a brief description and link to videos that showcase their products or other informational tools that users can locate online. To be included send an 80 word press release, together with a relevant screen capture or high resolution image to Ashleigh West at [Awest@mwjournal.com](mailto:Awest@mwjournal.com) by **May 4, 2018**.

Sensors Expo  
San Jose, CA  
June 26-28

SEMICON West  
San Francisco, CA  
July 11-13

BiCMOS and CSICS  
San Diego, CA  
October 14-18

This supplement considers the development of aerospace and defense electronics, emphasizing the role that RF and microwave technology plays in enabling the sector to fulfill its remit and potential.

**Articles:**

- Silicon-Based Electronically Steered Multi-Beam Array Antenna
- Choosing the Right Semiconductor Technology
- Meeting Wideband Radar Test and Measurement Challenges

**Ad Close: May 7**

**Ad Material Due: May 10**

**Company Showcase**

Supplement advertisers booking a full-page or greater are invited to supply a minimum 80 word description, together with a high resolution image showcasing a new catalog/literature, company profile, web update, or A&D product to Ashleigh West at [Awest@mwjournal.com](mailto:Awest@mwjournal.com) by **May 1, 2018**.

**BONUS DISTRIBUTION:**

**Microwave Journal June Aerospace & Defense Electronics Supplement**

Sensors Expo  
San Jose, CA  
June 26-28

MILSATCOM  
Arlington, VA  
June 27-28



**Interested in a Free Listing for 3 months?**

Post your job opening, rep, engineer and used equipment listings in the MWJ classified section.

It's easy. Just go to: [www.mwjournal.com/classifieds](http://www.mwjournal.com/classifieds)

**Media Kit & Editorial Calendar:**

[2018 Media Kit \(PDF\)](#)



[2018 Editorial Calendar \(PDF\)](#)



**Exhibit at EDI CON USA 2018!**

*EDI CON USA 2018 brings its unique combination of exhibitors and conference programs for high-frequency and high-speed engineers to the west coast!*



This year, EDI CON USA 2018 makes its home in the heart of Silicon Valley at the Santa Clara Convention Center. EDI CON is the place to talk about the entire system design, from simulation of components and systems, to materials/PCB boards, devices and foundry services, components, cables and connectors, testing, measurement, and verification.

[Submit Your Application to Exhibit Today!](#)

## Sales Offices:

### Eastern and Central Time Zones

Chuck Boyd  
Northeast Reg. Sales Mgr.  
(New England, New York, Eastern Canada)  
685 Canton Street  
Norwood, MA 02062  
Tel: (781) 619-1942  
Fax: (781) 769-5037  
[cboyd@mwjournal.com](mailto:cboyd@mwjournal.com)

Michael Hallman  
Eastern Reg. Sales Mgr.  
(Mid-Atlantic, Southeast, Midwest)  
4 Valley View Court  
Middletown, MD 21769  
Tel: (301) 371-8830  
Fax: (301) 371-8832  
[mhallman@mwjournal.com](mailto:mhallman@mwjournal.com)

### Pacific and Mountain Time Zones

Brian Landy  
Western Reg. Sales Mgr.  
(CA, AZ, OR, WA, ID, NV, UT, NM, CO, WY, MT, ND, SD, NE, Western Canada)  
144 Segre Place  
Santa Cruz, CA 95060  
Tel: (831) 426-4143  
Fax: (831) 515-5444  
[blandy@mwjournal.com](mailto:blandy@mwjournal.com)

### European Headquarters

Richard Vaughan  
International Sales Mgr.  
16 Sussex Street  
London SW1V 4RW, England  
Tel: +44 20 7596 8742  
Fax: +44 20 7596 8749  
[rvaughan@horizonhouse.co.uk](mailto:rvaughan@horizonhouse.co.uk)

### Germany, Austria and Switzerland (German-speaking)

Brigitte Beranek  
Tel: +49 7125 407 31 18  
Fax: +49 7125 407 31 08  
[bberanek@horizonhouse.com](mailto:bberanek@horizonhouse.com)

### Korea

Young-Seoh Chinn  
Tel: +82 2 481 3411  
Fax: +82 2 481 3414  
[yschinn@horizonhouse.com](mailto:yschinn@horizonhouse.com)

### Japan

Katsuhiro Ishii  
Tel: +81 3 5691 3335  
Fax: +81 3 5691 3336  
[amskatsu@dream.com](mailto:amskatsu@dream.com)

### Hong Kong, Taiwan, Singapore

Mark Mak  
ACT International  
Tel: +852-28386298  
[markm@actintl.com.hk](mailto:markm@actintl.com.hk)

### US Corporate Headquarters

Carl Sheffres  
685 Canton Street  
Norwood, MA 02062  
Tel: (781) 769-9750  
Fax: (781) 769-5037  
[csheffres@mwjournal.com](mailto:csheffres@mwjournal.com)

### China

Shenzhen  
Michael Tsui  
ACT International  
Tel: +86-755-25988571  
Fax: +86-10-58607751  
[michaelt@actintl.com.hk](mailto:michaelt@actintl.com.hk)

### Shanghai

Linda Li  
ACT International  
Tel: +86-021-62511200  
[lindal@actintl.com.hk](mailto:lindal@actintl.com.hk)

### Beijing

Cecily Bian  
ACT International  
Tel: +86-135526 21310  
[cecilyb@actintl.com.hk](mailto:cecilyb@actintl.com.hk)



The preceding is from *Microwave Journal*®, owned by Horizon House Publications Inc., at 685 Canton St., Norwood, MA, 02062, USA. We are online at [www.mwjournal.com](http://www.mwjournal.com) and are also available at 781-769-9750. Copyright © 2018. All Rights Reserved. Your email address has not been given to any Third Parties. You have been selected to receive this email because you opted-in to receive information when you provided your email address to *Microwave Journal*®. To ensure deliverability of emails from *Microwave Journal*®, we recommend that you whitelist our domain address: [mwjournal@actintl.com](mailto:mwjournal@actintl.com).

[Unsubscribe/Update Profile](#) | [Browser](#) | [Forward](#) | [Privacy](#) | [Subscribe to Microwave Journal](#)