



## Celebrating 2009: The Year of MMIX / April

*providing optimal semiconductor solutions worldwide*

2009 translates in Roman numerals to "MMIX." It only happens once, so Mimix Broadband is celebrating by declaring 2009... [the Year of MMIX](#). During the year, we'll highlight key advances in our product portfolio, as well as pay tribute to other engineering feats - specifically the Seven Wonders of the Modern World as chosen by the American Society of Civil Engineers.

### PRODUCT FEATURE: XP1035-QH 5.9-9.5 GHz Linear Power Amplifier QFN, 4x4mm



Mimix Broadband's XP1035-QH is a packaged linear power amplifier that operates over the 5.9-9.5 GHz frequency band. The device provides 26 dB gain and 39 dBm Output Third Order Intercept Point (OIP3) across the band and is offered in an industry standard, fully molded 4x4mm QFN package. This device is well suited for Point-to-Point Radio, LMDS, SATCOM and VSAT applications. [Get the complete](#)

[datasheet.](#)

### PRODUCT FEATURE: XP1039-QJ 5.6-7.1 GHz Linear 4W Power Amplifier QFN, 6x6mm



Mimix Broadband's XP1039-QJ is a packaged linear power amplifier that operates over the 5.6-7.1 GHz frequency band. The device provides 16.5 dB gain and 49 dBm Output Third Order Intercept Point (OIP3) with up to 4W of saturated RF power. The packaged amplifier comes in an industry standard, fully molded 6x6mm QFN package and is comprised of a three stage power amplifier with an integrated,

temperature compensated on-chip power detector. This device is well suited for Point-to-Point Radio, LMDS, SATCOM and VSAT applications. [Get the complete datasheet.](#)

April 2009

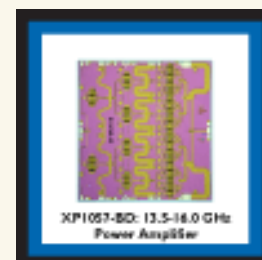
XP1035-QH

XP1039-QJ

MTT-S 2009

Mimix News: XP1057-BD

### Mimix News!



Introducing the [XP1057-BD](#), a GaAs MMIC high power amplifier (HPA) with +41 dBm pulsed saturated output power and 17 dB small signal gain. This HPA, identified as XP1057-BD, uses a dual sided bias architecture, covers 13.5 to 16 GHz, and achieves +48 dBm OIP3. The device is well suited for millimeter-wave military, radar, satellite and weather applications.

"An excellent addition to our Ku-Band power amplifier product portfolio, the XP1057-BD not only boasts a +39 P1dB compression point, it also achieves outstanding linearity performance at +48 dBm OIP3 across the band, surpassing other offerings at this

## COUNTING DOWN TO MTT-S! 7-12 June, Boston



We're continuing the Year of MMIX celebration at Booth #1114 at this year's MTT-S in Boston.

Collect Year of MMIX postcards from at least two of the participating companies, then stop by the Mimix booth to collect your prize and learn more about our year-long celebration.

Participants collecting at least two of the postcards will receive their choice of cool World Traveler gadgets. Participants collecting at least three of the postcards will be registered to win the grand prize - a Kindle 2 Wireless Reading Device valued at more than \$350! [Find out more!](#)

### About Mimix Broadband

Mimix Broadband, Inc. supplies high performance gallium arsenide (GaAs) semiconductors from DC to 50 GHz for RF, microwave and millimeter-wave applications. Mimix has offices in Houston, Sydney, Belfast and Hsinchu, and offers a unique combination of semiconductor design expertise and communications systems background to develop state-of-the-art RF, microwave and millimeter-wave semiconductors. Mimix markets a highly diversified product line that serves the top tier telecom, satellite and defense companies worldwide. Learn more at [www.mimixbroadband.com](http://www.mimixbroadband.com).

#### General Company Contact

Tel: 281.988.4600

Fax: 281.988.4615

[info@mimixbroadband.com](mailto:info@mimixbroadband.com)

#### Field Application Engineers

Tel: 281.988.4600

[technicalhelp@mimixbroadband.com](mailto:technicalhelp@mimixbroadband.com)

Best Regards,

Julie Teinert

Vice President Marketing

Tel: 281.988.4600 / [jteinert@mimixbroadband.com](mailto:jteinert@mimixbroadband.com)

frequency and power level in the marketplace," stated Jeff Kovitz, Product Manager, Mimix Broadband, Inc.

#### Quick Links

[Complete Product Line](#)

[Company News](#)

[More About Mimix](#)

[SALES REP LOCATOR](#)

Locate a Mimix Sales Rep  
in Your Area!

[Join Our Mailing List!](#)

[Forward email](#)

 **SafeUnsubscribe®**

This email was sent to mimix@tinsleypr.com by [mimix@tinsleypr.com](mailto:mimix@tinsleypr.com).

[Update Profile/Email Address](#) | Instant removal with [SafeUnsubscribe™](#) | [Privacy Policy](#).

Email Marketing by



Mimix Broadband, Inc. | 10795 Rockley Rd. | Houston | TX | 77099