



Communications

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**Microsemi**

## PRODUCT ANNOUNCEMENT 2011

### GaN 7.8-11.0 GHz 100 Watts

AML811P5013 is a high efficiency, high power density 100 Watt GaN power amplifier. PAE is 30% typical with package dimensions of 2.45" x 2.09" x 0.41". This amplifier is designed to operate over 7.8-11.0 GHz. Small signal gain is 50dB min across the entire band. Amplifier is operated from a +28VDC supply. Amplifier features a fast TTL controlled muting function (200nS on/off speed). Unit is in a hermetically sealed aluminum housing with field removable SMA(f) connectors. Operating temperature range is -40 to +85°C.

### **LINK:**

<http://www.amlj.com/catalog/view.php3?band=ganamps&modnum=AML811P5013>

**AML is now Microsemi-RFIS**

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