



May 24, 2001

## **Alpha Introduces World's First Tri-Band InGaP Power Amplifier Module**

### **New Products are Targeted to OEM-Specific Platforms Slated for Production by Year-End**

WOBURN, Mass.--(BUSINESS WIRE)--May 24, 2001--(NASDAQ:AHAA-news) today announced that it has introduced the world's first tri-band power amplifier module employing InGaP HBT (indium gallium phosphide heterojunction bipolar transistor) process technology.

The AP134 module is designed for use in existing dual-mode wireless handsets and is fully General Packet Radio Service (GPRS) compliant. The new module delivers state-of-the-art performance in a fully integrated, 50-Ohm input/output package that incorporates Alpha's InGaP HBT and the Company's proprietary silicon bipolar logic controller.

"AP134 provides superior RF performance for GSM, PCS and DCS bands," said Colin Sweeney, General Manager for Alpha's Power Amplifier Business Unit. "The module exhibits high power-added efficiency, low harmonics and excellent power control response. Alpha's InGaP HBT technology produces amplifiers with superior temperature stability and long-term reliability when compared with competitive solutions."

Alpha's new power amplifier module is part of a family of products addressing GSM-based applications. The AP134 was developed for customer-specific wireless handset platforms that are expected to begin volume production by December 2001.

#### **About Alpha**

Alpha Industries is a leading provider of RF integrated circuit-based solutions, including semiconductors and ceramic components, for the broadband and wireless communications markets. Alpha's switches, power amplifiers and discrete semiconductors are used by the world's leading broadband, infrastructure and wireless communications companies to enhance the speed, quality and performance of voice, data and video. The Company's Alpha Integration Platform™ (aiP™) is a breakthrough manufacturing, packaging and design technique that reduces design complexity and improves the OEM's overall time to market for new products. For more information, please visit Alpha's Web site, [www.alphaind.com](http://www.alphaind.com).

Safe Harbor Statement - Except for the historical information contained herein, statements in this news release related to Alpha's introduction of tri-band InGaP HBT power amplifiers are forward-looking statements that reflect the Company's current intentions, expectations and predictions of future results, accomplishments and other matters, all of which are inherently subject to risks and uncertainties. The Company's actual results may differ materially from those anticipated in the Company's forward-looking statements, based on various factors. Such factors include, but are not limited to: cancellation or postponement of customer orders, inability to predict customer orders, the disproportionate impact of the Company's business relationships with its larger customers, variations in the timing of new product development and market acceptance, difficulty manufacturing products, including the Company's new switch/filter products, in sufficient quantity and quality, difficulty completing the Company's planned capital investments and process improvements, erosion of selling prices or margins, modification of the Company's plans or intentions, and market developments, competitive pressures and changes in economic conditions that vary from the Company's expectations. Additional information on these and other factors that may cause actual results and the Company's performance to differ materially is included in the Company's periodic reports filed with the SEC, including but not limited to the Company's Form 10-K for the year ended April 2, 2000, and subsequent Forms 10-Q. Copies may be obtained by contacting the Company or the SEC. The Company cautions readers not to place undue reliance upon any such forward-looking statements, which speak only as of the date made. The Company expressly disclaims any obligations or undertaking to release publicly any updates or revisions to any such statements to reflect any change in the Company's expectations or any change in events, conditions or circumstance on which any such statement is based.

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