



OPTICHRON[®]

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FOR IMMEDIATE RELEASE

**Optichron[®] Monolithic Digital Pre-Distortion
IC Is Available in Volume**

*Linearization Solution Enables Unprecedented Amplifier Efficiency and Performance for
Wireless Infrastructure*

FREMONT, Calif. – October 18, 2007 – Optichron, Inc., the leader in nonlinear signal processing, today announced the volume production availability of the OP4400, the industry’s highest-performance digital pre-distortion (DPD) linearization device, which the company announced earlier this year. The OP4400 is a monolithic integrated circuit (IC) that implements Optichron’s proprietary signal processing technology to eliminate nonlinear distortion, the dominant performance limiter for expensive power amplifiers (PA) used in wireless infrastructure and other signal processing applications. The OP4400 is adaptive, universally applicable to any PA configuration and supports any signal chain architecture and modulation scheme. It requires no external processor or support circuitry, and requires no algorithmic programming, thus making it the industry’s first commercially available, self-contained DPD device.

“Optichron is pleased to report that customer demand is strong and we are ramping OP4400 volume as planned,” said Perry Constantine, chief executive officer of Optichron. “This successful transition from a DPD technology breakthrough to a mass volume product paves the way for additional signal linearization products that are in our development pipeline.”

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Availability and Pricing

The OP4400 DPD devices are available in two speed grades. The OP4400-30IBAG is optimized to provide 5th order compensation for a maximum signal bandwidth of 30 MHz, and the OP4400-20IBAG is optimized for a maximum signal bandwidth of 20 MHz. The devices are housed in a 352 pin, 27 mm x 27 mm BGA package and operate over the full industrial temperature range of -40° to 85° C. Production volumes are now available. Pricing is available upon request.

About Optichron

Optichron, Inc., a leader in nonlinear signal processing technology, designs and manufactures integrated circuits that enable significant improvements in system-level cost:performance for communications applications. Optichron® proprietary linearization technology is the industry's most efficient solution for correcting nonlinear distortion, a problem present in all signal processing systems. Signal linearization gives system designers more headroom to implement faster, more efficient systems that cost less to build and operate. For more information and product details please visit www.optichron.com.

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