

# NEWS RELEASE



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## FOR IMMEDIATE RELEASE

### **Peregrine Semiconductor adds Clavis/Macnica to Japan Distributor Lineup** ***Continued sales & support network expansion targets high-profile wireless OEMs***

**San Diego, California and Tokyo, Japan, December 15, 2008** -- Peregrine Semiconductor Corporation, a leading supplier of high-performance RF CMOS and mixed-signal communications ICs, today announced that it has appointed Clavis Company, a division company of Macnica, Inc., to market and sell Peregrine's popular line of UltraCMOS™ RFICs throughout Japan. Clavis is a market leader, specializing in the supply of a wide variety of high-value-added electronic parts and equipment, particularly semiconductors, to the electronics, information and communications industries. Peregrine's UltraCMOS RFICs have gained popularity with Japan OEMs as complex designs for multi-mode, multi-band cellular and Digital Television (DTV) applications demand exceptional RF performance and higher levels of integration.

"The Clavis Company was chosen to represent the Peregrine line in the Japan region for a variety of reasons. Among them are exceptional technical customer support; broad reach into the Japan market; sophisticated logistics services; and dedication to new technology and new product design-in," said Hideki Okano, sales manager for Peregrine in Japan. "These important aspects, combined with the well-known Macnica brand, allow us to meet the stringent performance and service requirements of the Japanese electronics OEMs," he added.

Established in 1972 with more than 1100 employees and sales operations throughout the world, Macnica/Clavis Company maintains a significant share of foreign semiconductor distribution in Japan as an independent entity serving the Industrial, Consumer, Computer, Telecom and Office Equipment markets. Its unique dedication to full-service distribution includes technical applications support, product marketing, field and inside sales network and quality assurance.

"UltraCMOS SOS Technology represents the future of high-performance RF ICs," said Clavis Company president Takemasa Sato. "We believe our mutual strategy for sales growth and success will allow us to

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## **ADD ONE/Peregrine-Clavis/Macnica Japan**

proliferate these unique products into the Japan market where many of the world's mobile communications and broadband RF applications are designed. We are very excited to add the Peregrine products to our linecard," he added.

### **About UltraCMOS™ Technology**

UltraCMOS™ mixed-signal process technology is a proprietary, patented variation of silicon-on-insulator (SOI) technology on a sapphire substrate providing with high yields and competitive costs. It combines the RF, mixed-signal, and digital capabilities of any other CMOS process, yet tolerates the high power required for high-performance wireless applications. The Company's revolutionary design inventions, such as HaRP™ technology which enables dramatic improvements in harmonic results, linearity and overall RF performance; and DuNE™ technology, the industry's most advanced digital tuning capability, are paving the way for unprecedented RF IC development. Significant performance advantages exist over competing processes such as GaAs, SiGe, BiCMOS and bulk silicon CMOS in applications where RF performance, low power and integration are paramount.

### **About Peregrine Semiconductor**

Peregrine Semiconductor Corporation designs, manufactures, and markets high-performance communications RF ICs for the wireless infrastructure and mobile wireless; broadband CATV/DTV; communications infrastructure; and high-rel markets. Manufactured on the Company's proprietary UltraCMOS™ mixed-signal process technology, Peregrine products are uniquely poised to meet the needs of a global RF design community in high-growth applications such as WCDMA, EDGE and GSM digital cellular and mobile TV; broadband communications such as DTV/PCTV/DVR; and in high-reliability applications such as telecom infrastructure, industrial, automotive, military and satellite systems. Peregrine UltraCMOS devices are manufactured through strategic relationships with world-class CMOS foundries located in Australia, Asia and Japan. The Company, headquartered in San Diego, California, maintains global sales support operations and a worldwide technical distribution network. Additional information is available on the web at [www.psemi.com](http://www.psemi.com).

### **About Clavis Company**

Clavis Company is a division company of Macnica, Inc. Since its establishment in 1972, Macnica Inc. has specialized in the supply of wide a variety of high-value-added electronic parts and equipment, particularly semiconductors, to the electronics, information and communications industries. The company is justly known as a leader in the high-technology fields in which they operate. In recent years, Macnica has expanded its lineup to provide in-depth technical support to customers in addition to the supply of devices. Its customers include Japan's leading electrical and electronic products manufacturers. The company is listed on the Tokyo Stock Exchange and has headquarters in Yokohama. Its subsidiaries are located in Hong Kong, Shanghai, Taiwan, Singapore and the USA. The company may be contacted by phone: (+81) 45 470 9821, fax: (+81) 45 470 9822, or web: [www.ic.macnica.co.jp](http://www.ic.macnica.co.jp)

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