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**PEREGRINE SEMICONDUCTOR INTRODUCES FAMILY OF MILITARY QUALITY RF ICs**

*- Peregrine Offers A Wide Range of RF Switches, Mixers, and PLLs Targeted at Military and Aerospace Systems -*

**SAN DIEGO — February 3, 2003** — Peregrine Semiconductor, an innovative supplier of high-performance RF integrated circuits, today announced a family of RF IC products targeted at Military and Aerospace applications. The devices, which range from RF switches to Mixers to Phase-Locked-Loops (PLLs), are targeted at operation over the extended temperature range of -55 to +125 degrees C. In addition, the devices undergo the special assembly and quality conformance requirements described by MIL PRF 38535 class N specifications.

"Peregrine is a key supplier to Spacecraft manufacturers and has developed the necessary quality and reliability standards to meet the exacting needs of these systems," said Ron Cates, Vice President of Marketing and Sales. "Concurrently, Peregrine has developed low cost manufacturing technology needed to meet the high volume demands of commercial RF systems such as cellular telephony and CATV. The new MIL/Aero product line marries the expertise developed in these two endeavors in order to provide the manufactures of military radio and RF systems a low cost alternative."

Peregrine's initial offering is composed of 19 different products including nine PLL synthesizers, six RF pre-scalars, three RF switches and a broadband mixer. The devices are distinguished by their outstanding linearity and isolation characteristics. The PLL synthesizers are capable of frequencies up to 3GHz with very low phase noise. The RF switches feature P1dB compression points in excess of 30dBm, isolation in excess of 50dB, and operating frequencies up to 5GHz. The broadband mixer is capable of IIP3 linearity better than 33dBm and can operate from 50MHz to 3GHz.

Pricing starts at \$14 per unit in volumes of one thousand. These products are now available through Peregrine and its worldwide distribution partner, Richardson Electronics.

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### **About Peregrine Semiconductor**

Peregrine Semiconductor Corporation designs, manufactures, and markets high-speed communications integrated circuits for the wireless, satellite, and broadband cable communications markets. Using its patented Ultra-Thin-Silicon (UTSi® ) CMOS process, Peregrine Semiconductor has launched a series of radio frequency IC products for high-growth wireless applications (including CDMA and GSM digital cellular), space and defense radiation hard IC's, and switching functions for video applications. Headquartered in San Diego, California, the company has established design centers and satellite operations in Chicago, Ill., and Sydney, Australia. Contact Peregrine's worldwide distribution partner, Richardson Electronics (NASDAQ: RELL), for sales information at 1-800-737-6937.

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For more information, please contact Peregrine Semiconductor Corporation at (858) 455-0660 or visit the Web at <http://www.peregrine-semi.com>.



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