



6175 Nancy Ridge Drive
San Diego, CA 92121
Phone (858) 455-0660
Fax (858) 455-0770
www.peregrine-semi.com

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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.

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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San Diego, CA 92121
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UTSi is a registered trademark of Peregrine Semiconductor Corporation.

SUNSTAR 商斯达实业集团是集研发、生产、工程、销售、代理经销、技术咨询、信息服务等为一体的高科技企业，是专业高科技电子产品生产厂家，是具有 10 多年历史的专业电子元器件供应商，是中国最早和最大的仓储式连锁规模经营大型综合电子零部件代理分销商之一，是一家专业代理和分销世界各大品牌 IC 芯片和电子元器件的连锁经营综合性国际公司，专业经营进口、国产名厂名牌电子元件，型号、种类齐全。在香港、北京、深圳、上海、西安、成都等全国主要电子市场设有直属分公司和产品展示展销窗口门市部专卖店及代理分销商，已在全国范围内建成强大统一的供货和代理分销网络。我们专业代理经销、开发生产电子元器件、集成电路、传感器、微波光电元器件、工控机/DOC/DOM 电子盘、专用电路、单片机开发、MCU/DSP/ARM/FPGA 软件硬件、二极管、三极管、模块等，是您可靠的一站式现货配套供应商、方案提供商、部件功能模块开发配套商。商斯达实业公司拥有庞大的资料库，有数位毕业于著名高校——有中国电子工业摇篮之称的西安电子科技大学（西军电）并长期从事国防尖端科技研究的高级工程师为您精挑细选、量身订做各种高科技电子元器件，并解决各种技术问题。

微波光电部专业代理经销高频、微波、光纤、光电元器件、组件、部件、模块、整机；电磁兼容元器件、材料、设备；微波 CAD、EDA 软件、开发测试仿真工具；微波、光纤仪器仪表。欢迎国外高科技微波、光纤厂商将优秀产品介绍到中国、共同开拓市场。长期大量现货专业批发高频、微波、卫星、光纤、电视、CATV 器件：晶振、VCO、连接器、PIN 开关、变容二极管、开关二极管、低噪晶体管、功率电阻及电容、放大器、功率管、MMIC、混频器、耦合器、功分器、振荡器、合成器、衰减器、滤波器、隔离器、环行器、移相器、调制解调器；光电子器件和组件：红外发射管、红外接收管、光电开关、光敏管、发光二极管和发光二极管组件、半导体激光二极管和激光器组件、光电探测器和光接收组件、光发射接收模块、光纤激光器和光放大器、光调制器、光开关、DWDM 用光发射和接收器件、用户接入系统光收发器件与模块、光纤连接器、光纤跳线/尾纤、光衰减器、光纤适配器、光隔离器、光耦合器、光环行器、光复用器/转换器；无线收发芯片和模组、蓝牙芯片和模组。

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地址：深圳市福田区福华路福庆街鸿图大厦 1602 室

电话：0755-83396822 83397033 83398585 82884100

传真：0755-83376182 (0) 13823648918 MSN: SUNS8888@hotmail.com

邮编：518033 E-mail: szss20@163.com QQ: 195847376

深圳赛格展销部：深圳华强北路赛格电子市场 2583 号 电话：0755-83665529 25059422

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TEL: 021-28311762 56703037 13701955389 FAX: 021-56703037

西安分公司：西安高新开发区 20 所(中国电子科技集团导航技术研究所)

西安劳动南路 88 号电子商城二楼 D23 号

TEL: 029-81022619 13072977981 FAX: 029-88789382