

Contact: Sue Hansen, Datakey Electronics; Phone: 952-746-4066 x323;
Fax: 952-746-4061; E-mail: sueh@datakeyelectronics.com
www.datakeyelectronics.com

NEWS FOR IMMEDIATE RELEASE

Rugged Portable SPI Memory Keys With Up To 2Mb Capacity



Burnsville, August 5, 2002 – Datakey Electronics, Inc. manufactures products for Original Equipment Manufacturers (OEMs), consisting of proprietary memory keys and other custom-shaped tokens containing non-volatile memory. Datakey Electronics products are a convenient, rugged way to carry electronic data and to control access. These products are used world-wide in hundreds of military and commercial applications, providing a cost-effective and reliable way of storing and transporting electronic information where conventional methods would not survive.

The new, privately held Datakey Electronics, Inc. has a legacy of more than 25 years of product development experience in robust device packaging and employee experience. Datakey Electronics announces that serial flash memory keys supporting the Serial Peripheral Interface (SPI) bus are now available. The Serial Peripheral Interface (SPI) is a synchronous serial data link that is standard across many Motorola microprocessors and other peripheral chips. It provides a high bandwidth network connection amongst CPUs and other devices supporting the SPI.

Datakey Electronics, Inc. currently offers EEPROM memory with SPI interface in Slim Token form. The new, higher capacity SFK serial keys have flash memory capacities from 1 to 2 Megabits, with advanced write protection mechanisms, accessed by a high speed SPI-compatible bus with up to 25MHz clock rate. Users can erase the entire memory or one sector at a time.

“The SPI Flash Memory Product line allows us to expand our serial product line to a wider market,” commented Jeff Daniel, Business Development Manager, Datakey Electronics, Inc. *“Customers will be able to easily integrate these new keys into their applications. The large memory size and fast bus speed are valuable for applications requiring safe transport of large amounts of data.”*

The primary applications are data logging, firmware updates, and data transfer. They have already been integrated into meteorological data logging and agriculture data transfer applications.

The SFK Series of Keys feature Datakey Electronics, Inc.'s industry-leading solid molded construction, rugged wear-resistant exterior, and long-lasting contacts. Unlike other cards and carriers that can easily fail, the key's body protects the embedded memory chip from physical damage and harsh environmental influences. They can be sterilized, dropped in the mud, washed, exposed to electromagnetic fields or chemicals—and they'll still work.

These keys interface to Datakey Electronics, Inc.'s KC4210 panel-mount Keyceptacle® or KC4210PCB board-mount Keyceptacle, both featuring a 200,000-cycle rated lifetime.

Datakey Electronics, Inc. plans to complete the SPI Product family with two more soon-soon-to-be-released products: a Reader/Writer peripheral device which facilitates desktop key administration and Intelligent Keyceptacles® which provide a drop-in solution with RS-232 or RS-485 interface. All products will be available by the 4th quarter of 2002.



About Datakey Electronics, Inc.

Datakey Electronics, Inc. has a world-wide base of customers including Microsoft, General Dynamics, Raytheon, Siemens, New York Health and Hospital Corporation, Tokheim and many other multi-national corporations.

Datakey Electronics, Inc. uses the latest electronic memory technology and manufacturing techniques to provide both off-the-shelf and custom products. Datakey Electronics products solve difficult data transportation problems, security problems, and access control problems. These products are packaged in convenient key and custom-shaped tokens and are supported by a full line of peripherals for programming and access. Design services are available for custom products and system applications.

Datakey Electronics, Inc., based in Burnsville, MN, is a minority woman-owned business and boasts a complete manufacturing facility with substantial capacity for production growth.

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