

## **Product Announcement– Swissbit F-100 Series CFAST™ Flash Storage Card**

**Swissbit AG– 17 August 2009**

Bronschhofen, Switzerland–

Swissbit unveils its new INDUSTRIAL CFast Flash Storage Card with the introduction of the F-100 Series. The CFast card combines the original CompactFlash (CF) card form factor with a Serial ATA (sATA) interface. With this melding of two industry standards, the CFast card specification was created that allows for new applications in the embedded and industrial markets.

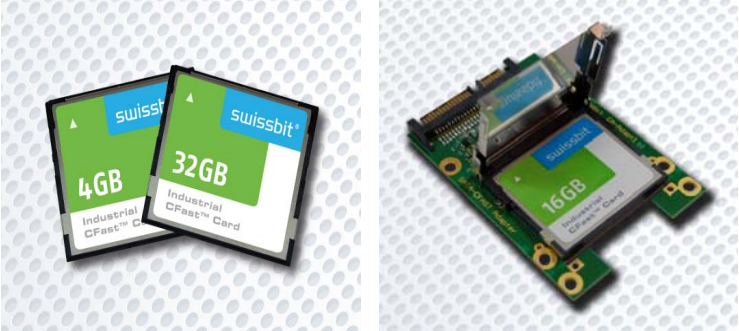
Often in these markets– performance, speed, system downtime, and flexibility are important design considerations. CFast addresses these considerations and more while maintaining a small package size and providing high–speed data transfer.

The use of the sATA interface on CFast cards allows for a vast improvement over slower parallel data transfer methods by offering a bandwidth up to 300MB/s. For engineers and designers CFast offers the small size, flexibility and features of a CF card while providing the simplicity and speed of a sATA communication interface.

The CFast card can be operated using a single 3.3V (+/ – 5%) low power source and supports three sATA power management states: Active, Partial and Slumber. The CFast is a perfect choice for both fixed and removable applications where low to medium storage densities are required and the physical size of conventional mechanical or solid state hard drives are impractical. The migration effort to CFast is further simplified because it electrically complies with the Serial ATA International Organization standard and utilizes the same sATA command set.

The Swissbit F-100 CFast card is compliant with the CompactFlash Associations' CFast Specification Revision 1.0. The F-100 series cards utilize SLC NAND Flash components providing fast small block performance with no external DRAM requirement. Additional features of the Swissbit F-100 CFast card series include Intelligent Power Management, Global Wear Leveling and S.M.A.R.T (Self-Monitoring, Analysis and Reporting Technology) support for life time monitoring. Storage capacities available will range from 4GB to 32 GB.

Swissbit has mechanical specifications available now for the F-100 Series card with qualification samples ready to ship in the 4<sup>th</sup> quarter of 2009. Swissbit will also be offering Evaluation Kits with a default SATA adapter board to be ready for designers/ engineers in September 2009. Using the Evaluation Kit allows for a shortened design cycle due to the fact that the CFast card can be plugged into any SATA capable host system. During this evaluation period the features and benefits of using the Swissbit F-100 CFast Series cards can be realized without having to build a prototype.



## **About Swissbit**

Swissbit is the largest DRAM module and Flash manufacturer in Europe. Created from a management buyout of the Siemens HL Business Unit in 2001, Swissbit boasts over 18 years of combined knowledge and experience in the memory industry. With facilities in Switzerland, Germany, Japan, and the United States, Swissbit is able to support customers on a global scale. Our commitment to high quality, reliability, exceptional customer service, and competitive pricing enables our customers and partners to enjoy a reliable source of supply and product commitment for their past, current, and future requirements. Swissbit offers SWISSMEMORY™ INDUSTRIAL DRAM modules in all technologies and the SWISSMEMORY™ Flash INDUSTRIAL product line consisting of CF, SD, USB, CFast, pATA and SATA interfaces. All SWISSMEMORY™ INDUSTRIAL products are available in commercial (0°C to +70°C) and industrial (-40°C to +85°C) temperature grades. Additional company and product information is available on the Swissbit website at [www.swissbit.com](http://www.swissbit.com).

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