

Virtium Tuffdisk™ VCF400 Compact Flash Solution extends product life cycle support for Industrial OEM's.

What: (September 14, 2011) Rancho Santa Margarita, CA. Virtium Technology, Inc., a solutions driven-designer and manufacturer of Industrial Memory and Flash Storage Solutions for Embedded and Communication OEMs, announced its newly developed and highly efficient Compact Flash Solution supporting large page flash for NAND technology. This will serve to extend the Compact Flash form factor life cycle by seven more years in Industrial Embedded and Communication applications.

The Tuffdisk™ VCF-400 is the newest addition to the [Industrial and Commercial Series of Flash Solutions](#) offered by Virtium. Unlike other Compact Flash Solutions on the market which are limited by lower density and up to 4K page NAND flash, Virtium's VCF400 is designed in up to 64GB densities with 2K, 4K, 8K, and 16k page flash support. The 2 channel controller supports PIO, MDMA, and UDMA to UDMA6 modes and boasts hardware designs for SLC, eMLC and MLC NAND flash.



“The new VCF400 series gives us the opportunity to exceed customer requirements for Compact Flash Solution’s and continued application support; specifically for extended product life cycles”, said Phan Hoang, Vice President of Research and Development at Virtium. “Not only does the VCF400 series extend the product life cycle up to seven more years, but it’s featured with Internal large RAM storage for firmware customization in specialized Industrial [Embedded](#) and [Tele-communication applications](#)”.

Specific host and compatibility issues faced by designers are easily and efficiently overcome with Virtium’s dedicated, onsite FAE’s and additional enhanced firmware customization. Virtium’s FAE’s are readily available to assist customers with transitions and integrations of the new [VCF400 Compact Flash Series](#). This combination of efficiency, reliability, and high speed performance, allow Virtium’s Products to continually surpass the performance expectations of customer engineers and designers.

Part Number	Product Description
VCF4-04G-50CS-AA	4GB VCF400 CF (Commercial)
VCF4-08G-50CS-AA	8GB VCF400 CF (Commercial)
VCF4-16G-50CS-AA	16GB VCF400 CF (Commercial)
VCF4-32G-50CS-AA	32GB VCF400 CF (Commercial)
VCF4-64G-50CS-AA	64GB VCF400 CF (Commercial)
VCF4-04G-50IS-AA	4GB VCF400 CF (Industrial)
VCF4-08G-50IS-AA	8GB VCF400 CF (Industrial)
VCF4-16G-50IS-AA	16GB VCF400 CF (Industrial)
VCF4-32G-50IS-AA	32GB VCF400 CF (Industrial)
VCF4-64G-50IS-AA	64GB VCF400 CF (Industrial)

Product samples of the VCF400 Compact Flash Solution are available for engineering sample and evaluation purposes immediately. Full production releases will be available in both Industrial and Commercial temperature ranges in densities up to 64 GB. Visit www.virtium.com/products for additional up to date product releases and information.

About Virtium

Virtium Technology is a solutions-driven designer and manufacturer of industrial memory and flash storage solutions for

Embedded and communication OEMs. Virtium focuses on meeting the unique requirements of the embedded computing, telecommunications, networking, storage, military, infotainment and medical markets. Virtium combines first to market product solutions with continuity of support for legacy

products in mature systems. Virtium's customers are fortune 500 industrial OEMs who benefit from the combination of design services, life cycle management with complete BOM control and advanced PCN.

Virtium's Flash solutions are offered in a wide range of interfaces, density and form factors including Industrial Temperature CF, CFAST, SlimSATA, mSATA, eUSB, 1.8" SSD and SATADOM. Virtium's [industrial memory modules](#) encompass a wide range of densities and low profile form factors including DDR3 and DDR2 MiniDIMM, VLP MiniDIMM, VLP Unbuffered Mini-DIMM, VLP Registered Mini-DIMM, SO-UDIMM, SO-RDIMM, ECC SODIMM, Mini-UDIMM and Mini-RDIMM, together with enhancements needed in challenging environments. For more information, visit www.virtium.com.

Contact:

Alex Rutledge

Marketing Coordinator

Alex.Rutledge@virtium.com

949.888.2444 x124