Sistema visualizador inteligente que ofrece una facilidad de integración incomparable

4D Systems y FTDI Chip colaboran en una solución revolucionaria para HMI de próxima generación

5 noviembre 2013 **-** 4D Systems ha anunciado un acuerdo tecnológico con FTDI Chip que ha dado como resultado el desarrollo de un avanzado visualizador SPI inteligente basado en el Embedded Video Engine (EVE) FT800 de FTDI Chip. El nuevo 4DLCD-FT843 permite que los diseñadores de sistemas puedan crear con rapidez interfaces hombre-máquina (HMI) de alta calidad. Incluye un visualizador TFT de 4,3 pulgadas (con una resolución de 480 x 272 píxeles), salida de audio PWM (con habilitación de amplificador), un sintonizador de sonido polifónico de 64 voces y una pantalla táctil resistiva de 4 hilos, todo ello integrado en un conector plano y flexible. Este producto ha sido diseñado de manera que se pueda incorporar fácilmente en los sistemas a través de un interface SPI, en el cual el FT800 funciona como un periférico SPI. Dado que el FT800 se encarga de ejecutar el visualizador, el audio y la funcionalidad táctil, el sistema host especificado puede ser un microcontrolador de 8 o 16 bit con un bajo ancho de banda y de bajo coste.

"Trabajar con 4D Systems, una firma bien conocida y respetada en el sector de la visualización, proporciona unas fantásticas oportunidades de exposición e innovación a ambas compañías y esperamos comercializar productos creativos de visualización", comentó Fred Dart, Director General y Fundador de FTDI Chip. "El 4DLCD-FT843 es un producto especialmente optimizado para

integrar visualizadores inteligentes en los sistemas, y la unión de las capacidades de 4D Systems y FTDI Chip proporcionan al ecosistema Arduino una solución gráfica muy efectiva con un precio muy atractivo".

"Como novedad dentro de la gama de 4D Systems ya existente, el 4DLCD-FT843 es un visualizador 'todo en uno' con audio y sensado táctil que además cuenta con el potente chip de motor virtual FT800 de FTDI", destacó Atilla Aknar, Director General de 4D Systems. "La capacidad de funcionamiento con numerosos microcontroladores host amplía las opciones de implementación del visualizador, permitiendo así que este producto proporcione un paquete de gráficos de alta velocidad en numerosas aplicaciones".

Encontrará más información sobre estos productos en:

http://www.4dsystems.com.au/product/14/134/LCD_Displays/4DLCD_FT843

About FTDI Chip
FTDI Chip develops innovative silicon and software solutions capable of enhancing the way that people interact with today's technology. Through application of its "made easy" principle, the company is able to support engineers with highly sophisticated, feature-packed, simple-to-use and robust product platforms which enable the creation of electronic designs that have higher performance, fewer peripheral components and lower power budgets, as well as utilising less board space. These products are focussed on making advancements two fundamental areas; the transferring of data between electronic devices via Universal Serial Bus (USB) interconnects and Graphic User Interface (GUI) implementation. Its long-established and ever expanding USB portfolio, which comes with proven, ready-to-use, royalty-free firmware and driver support for all major operating systems, includes peripheral, host and bridge chips, as well as highly integrated system solutions with built-in microcontroller functionality. These are complemented by its graphic controllers which, which by taking a unique, more streamlined approach, allow engineers to dramatically reduce the development time and bill-of-materials costs involved in implementing next generation GUIs. They combine display, audio and touch functionality in a single compact package and are offered along with an array of development modules and software.

FTDI Chip follows a fab-less semiconductor model, partnering with the world's leading foundries. The company is headquartered in Glasgow, UK, with research and development facilities located in Glasgow, Singapore and Taipei (Taiwan), plus regional sales and technical support sites in Glasgow, Taipei, Portland (Oregon, USA) and Shanghai (China).

For more information go to http://www.ftdichip.com

Regional sales offices and distributor lists are available at
http://www.ftdichip.com/FTSalesNetwork.htm

About 4D Systems
4D Systems is a global leader in the development and manufacture of intelligent graphics solutions. We specialize in using the latest state of the art OLED and LCD technology with embedded custom graphics processors that deliver standalone functionality to suit the application needs of customers, from large scale companies requiring an embedded design to electronics hobbyists.

Our success comes from not only what we do but also how we do it. Our attention to design, documentation, as well as performance reliability and quality management principles are at the forefront of our approach. Cost effectiveness and reliability are all seen as being just as important as product features and performance.

4D Systems is headquartered in Sydney, Australia, and has distributors in every continent which allows us to efficiently service an ever expanding marker. Our production facility features ISO 9001 certification, and company-wide quality assurance procedures, ensuring we deliver high quality products.

As the electronics industry evolves, our company will continue to strive in delivering quality products that meet the ever changing needs of our consumers.

More information on 4D Systems and their products is available at
http://www.4dsystems.com.au/

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