



Electronica 2014

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MikroElektronika & FTDI Chip Embark on Construction of Comprehensive FT90X Development Environment

With announcement of close cooperation to develop new range of compilers for application-optimised, high performance microcontrollers

1st October 2014 – Belgrade-headquartered development tool chain supplier MikroElektronika has signed a formal agreement with FTDI Chip to create mikroC, mikroBasic and mikroPascal compilers for the FT90X 32-bit microcontroller offering. The FT90X utilises a proprietary 32-bit RISC architecture - allowing it to set performance benchmarks beyond 2.93DMIPS/MHz, with true zero wait-states operation up to 100MHz frequencies, as well as capacious memory and an array of advanced connectivity resources.

The two companies previously teamed up in order to bring a graphic development software solution to market, based on [Visual TFT](#), which supported the FT800 embedded video engine (EVE) graphic controller. This allowed more rapid implementation of next generation human machine interfaces (HMIs) via EVE's innovative object-oriented approach and Visual TFT's simple to use drag-and-drop functionality.

According to MikroElektronika's CEO, Nebojsa Matic, "Through this partnership, MikroElektronika will build an entire FT90X ecosystem, including not just the compiler products but also development boards, useful examples for click boards and Visual TFT software support."

Fred Dart, FTDI Chip's CEO and Founder, adds, "MikroElektronika was instrumental in furnishing our customers with the development tools needed to support their FT800 EVE-based design projects. Now with the FT90X we are looking to work with its team of imaginative and highly experienced engineers again in order to accomplish the same goal for our advanced microcontroller product lines."

About FTDI Chip

FTDI Chip develops innovative silicon solutions that enhance interaction with today's technology. Through application of its "Design Made Easy" ethos, the company is able to support engineers with highly sophisticated, feature-rich, robust and simple-to-use product platforms. These enable creation of electronic designs with higher performance, fewer peripheral components, lower power budgets and diminished board real estate.

FTDI Chip's long-established, continuously expanding Universal Serial Bus (USB) product line boasts such universally recognized product brands as the ubiquitous R-Chip, X-Chip, Vinculum, and H-series. As well as host and bridge chips, it includes highly-integrated system solutions with built-in microcontroller functionality. The company's Embedded Video Engine (EVE) graphic controllers each pack display, audio and touch functionality onto a single chip. The unique, more streamlined approach utilised by these ICs allows dramatic reductions in the development time and bill-of-materials costs involved in next generation Human Machine Interfaces (HMIs) implementation. FTDI Chip also provides families of highly differentiated, speed-optimised microcontrollers with augmented connectivity features. These application oriented controllers (AOCs) are targeted at key areas where they add value via their elevated processing performance and increased operational efficiency.

FTDI Chip is a fab-less semiconductor company, partnered 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>

About MikroElektronika

MikroElektronika is a renowned producer of a wide range of development tools and compilers for various microcontroller families. In addition to the announced FT900 tool-chain, the company designs and manufactures complete solutions for PIC, dsPIC30/33, PIC24, PIC32, AVR, 8051, PSoC, as well as TIVA and STM32 ARM Cortex-M microcontrollers. MikroElektronika's goal is to provide software and hardware tools that are easy to use, save time and help get the job done quickly. This approach attracts both hobbyist and professionals. MikroElektronika is an authorized design partner and premier third party partner of Microchip® and an official consultant and third party partner of Atmel® Corporation, Texas Instruments® and STmicroelectronics® and more. Learn more at: www.mikroe.com

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