MikroElektronika & FTDI Chip Introduce Multi-Faceted FT90X MCU Development Platform

4th March 2015 – FTDI Chip technology partner MikroElektronika has announced the release of a complete ecosystem of development products to support the FT90X series of 32-bit application-optimized microcontroller units (MCUs). Through these products, which incorporate both hardware and software elements, engineers will be able to harness the full potential of FT90X MCU devices and make more inspiring embedded system designs.

MikroElektronika's comprehensive FT90X ecosystem consists of:

- The 266mm x 220mm format EasyFT90X development board, which has an FT900 MCU, on-board CMOS camera, 3.5-inch 320x240 pixel resolution TFT display with touch screen, a microSD card slot and a vast array of I/O options, allowing it to interface with a variety of different external sensors and other items of hardware. Also included on this board are a mikroProg Fast USB 2.0 programmer and an in-circuit debugger, plus a range of simple MikroElektronika compiler examples. The board has a power consumption of less than 80mA if peripheral modules are not connected.
- The credit card-sized Clicker 2 board which can connect to an ever-expanding variety of different add-on modules called click™ boards (with over 100 to choose from currently) via its two mikroBUS™ sockets. As well as an FT90X MCU (preprogrammed with a USB-HID

bootloader), a USB Mini-B connector, 2 LED indicators, 2 configurable pushbuttons, plus 32kHz and 12MHz oscillators are featured.

- Covering all three main programming languages, the mikroC, mikroBasic and mikroPascal compilers fully support the FT90X and are suitable for use with both the EasyFT90X and Clicker 2 boards, as well as for standalone FT90X system designs. These are the first dedicated FT90X compilers on the market. They support more than 500 functions and have more than 150 examples out of the box, making them easy to use.
- Finally, mikroProg for FT90X is a fast programmer and hardware debugger for FT90X devices, and it is especially well suited for use together with the compilers.

About FTDI Chip

FTDI Chip develops innovative silicon solutions that enhance interaction with the latest in global technology. The major objective from the company is to 'bridge technologies' in order to support engineeers with highly sophisticated, feature-rich, robust and simple-to-use product platforms. These platforms enable creation of electronic designs with high performance, low peripheral component requirements, low power budgets and minimal 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, Hi-Speed and SuperSpeed USB 3.0 series. In addition to both 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, streamlined approach utilised by these ICs allow dramatic reductions in the development time and bill-of-materials costs involved in next generation Human Machine Interface (HMI) implementation. FTDI Chip also provides families of highly-differentiated, speed-optimised microcontroller units (MCUs) with augmented connectivity features, specifically designed with compatibility to its USB and Display product lines in mind. These MCUs are targeted for key applications where they can add value with their superior processing performance and high levels of operational efficiency.

FTDI Chip is a fab-less semiconductor company, partnered with the world's leading foundries. The headquarter is located in Glasgow, UK and is supported with research and development facilities in Glasgow, Singapore and Taipei (Taiwan) plus regional sales and techical support sites in Glasgow, Taipei, Tigard (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 FT90X 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: http://www.mikroe.com

For further information and reader enquiries:

Susan Glasgow - FTDI Chip
Unit 1, 2 Seaward Place, Centurion Business Park, Glasgow, G41 1HH, UK
Tel: +44 (0) 141 429 2777 Fax: +44 (0) 141 429 2758
E-mail: marketing@ftdichip.com

Issued by:

Mike Green - Pinnacle Marketing Communications Ltd
Tel: +44 (0)20 84296543
E-mail: m.green@pinnaclemarcom.com
Web: www.pinnacle-marketing.com

March 2015 Ref: FTDIPR57