



Bridgetek
BRIDGING TECHNOLOGY



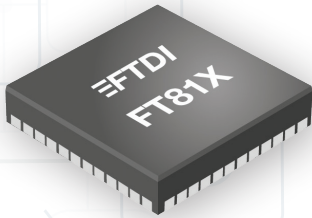
Company Portfolio

**Designing and making smarter
products for the connected world**



www.brtchip.com

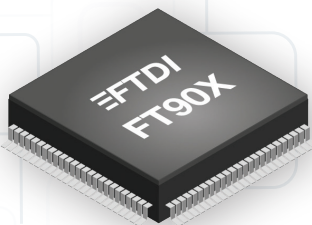
Product Overview



FT8xx Series ICs - EVE

FTDI Chip's innovative graphics controller solutions with Embedded Video Engine (EVE) technology provide display, audio and touch functionality simultaneously. With this concept, a unique object oriented methodology is adopted for creating hi-quality human machine interfaces (HMI's). The award winning series has been further extended to include an additional four devices in the FT8XX family.

All of the new products within this range of HMI LCD solutions boast a number of additional features and performance improvements, including increased maximum screen resolution (800 x 600 pixels), faster data transfer (QSPI), and expanded main memory capacity (1 Mbyte).



FT9xx Series - 32-bit MCU

Based upon FTDI Chip's new FT32, high performance 32-bit RISC core, the FT9XX series provides a plethora of connectivity options, making it the ideal choice for advanced technology bridging solutions. By executing instructions from shadow RAM, rather than flash memory, the FT90x can operate at true Zero Wait States (OWS) up to 100MHz and 310 DMIPS performance. Using the industry standard GCC compiler, together with the Eclipse IDE, allows the FT90x to utilise a wide variety of third-party and open source software.



NerO - An Energy Efficient Arduino UNO Compatible Design

NerO is a reference design for an Arduino UNO compatible board based on the FTDI FT231X USB UART which delivers 5V at a full 1A without overheating.



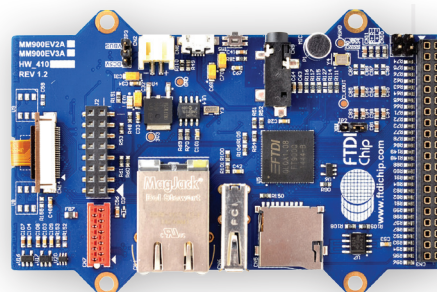
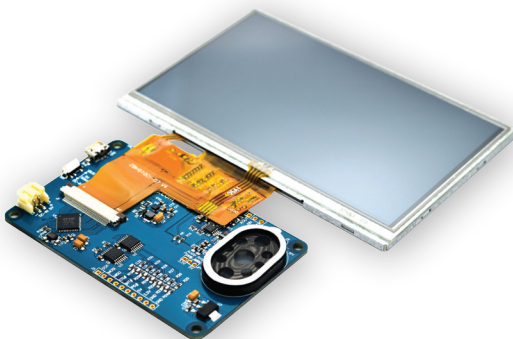
CleO - The Smart TFT Display for Arduino

CleO brings to market a family of intelligent, simple to program TFT display boards through which engineers can develop imaginative, compelling human machine interfaces, regardless of their experience level. Using Arduino as a foundation, *CleO* is able to leverage FTDI Chip's high speed bridging and display technology to benefit from improved performance and greater functionality.

PanL A Smart Home Platform

This is a Smart Home solution which allows automation of the home environment, by giving users the ability to control electrical devices/appliances and sensors, both remotely and intelligently. The system provides core bridging technology that allows different standards and technologies, such as WiFi, ZigBee, BLE, Ethernet, etc., to work seamlessly together. Home user experience could expand beyond simple light controls to smart metering, remote monitoring, security/access, multi-media and much more.

Development Modules



Bridgetek offers a complete range of PCB boards and sub-assemblies based around the companies' ICs. The modules are available in a range of formats to support various applications, including development, pre-production, and in some cases end-product integration. These high-quality modules can shorten development time and provide engineers with implementation alternatives to meet their system and project requirements.

About Us

To better serve the broadening range of markets it has developed products for, FTDI Chip has established a new distinct company, Bridgetek.

Bridgetek is a leading global semiconductor company providing high performance microcontroller units (MCUs), display IC products and developing innovative silicon solutions that enhance seamless interaction with latest connectivity technologies.

The key objective from the company is to provide core bridging technology in order to support engineers 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.

Bridgetek resources will be devoted to two particular product areas; the multi-award winning Embedded Video Engine (EVE) graphic controller ICs which enable engineers to implement more sophisticated human machine interface (HMI) systems, plus the unique and equally innovative performance-optimised microcontroller units (MCUs) with their expansive array of different connectivity options and industry-leading processing speeds.



For more information on our products, please visit our website at www.brtchip.com

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