

Mistral announces plug-in Display and Application Board for the AM437x PoM

Feature-rich AM437x Application Board complements PoM with interfaces for Home and Industrial Applications

Bangalore, Thursday, February 19th, 2015: Mistral Solutions, an embedded product realization company recently launched a four layer plug-in Module for the comprehensive **AM437x Product on Module (AM437x PoM)**. The AM437x Application board provides the PoM with a display, sensors and other interfaces ensuring rapid product deployment while leveraging the benefits of a powerful Sitara™ AM437x SoC from Texas Instruments. With its rich interfaces AM437x PoM along with the application board is an ideal platform to build products for Industrial Automation, Home Automation and Medical Applications.

The AM437x Application board comes with:

- 7" LCD with capacitive touch screen
- LED and Keypad
- Sensors like Ambient light (ALS), Temperature, 3-axis Accelerometer
- ZigBee using TI's CC2530 ZigBee module
- Industrial interfaces
 - RS485
 - CAN/Profibus
 - EtherCAT
 - Dual motor control
 - EnDAT/eQEP encoders
 - ADC for motor current sensing



The AM437x PoM and Application Board comes integrated with U-Boot, Linux SDK (3.12), Android Kitkat (4.4.4) and demo applications. The PoM and Application Board can be used to build Video Door Phones, Control Panel, Industrial HMI and PLC, Barcode scanners, Portable Data Terminals, Non-invasive Medical Electronics and Assistive technology products.

“Over the last few months, Mistral’s AM437x PoM has received a very positive response. We have seen product developers opting for this platform and SoC from TI for designing their next generation smart gadgets in the Home and Industrial segment. The AM437x Application board support many addition

features that complements the AM437x PoM and enhances eases product development in these segments.” said **Anees Ahmed, President and CEO of Mistral.**

“The AM437x PoM from Mistral Solutions is an excellent and comprehensive way for developers to leverage the benefits of TI’s Sitara AM437x processors,” said **Carlos Betancourt, Marketing Manager, TI.** *“With the added application board, developers can build products for a variety of applications with ease thanks to the industrial interfaces and integrated software support.”*

Customers currently using the AM437x PoM can purchase the AM437x Application board priced at \$599. The AM437x PoM along with the Application Board is priced at \$799. The products can be ordered online at www.mistralsolutions.com/webstore.

For volume pricing and customization, please contact AM437x@mistralsolutions.com or visit www.mistralsolutions.com/pom for more information.

Mistral also offers a wide array of customized hardware and software design services to further ease development, reduce cost and time. These include customization of PoM, product design and development, firmware, custom application and GUI, design review and support.

About Mistral Solutions

Mistral is a technology design and systems engineering company providing end-to-end solutions for product design and application deployment. Mistral is focused in two business domains: Product Engineering Services and Defense Solutions. Mistral provides total solutions for a given requirement, which may include hardware board design, embedded software development, FPGA design, systems integration and customized turnkey solutions. Mistral is a platinum member of TI’s Design Network and has brought out popular EVMs like AM/DM37x and TMDXEVM8148. These EVMs have been customized by Mistral and are currently deployed in several product designs across the globe. To know more, visit <http://www.mistralsolutions.com>.

About Texas Instruments

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