Mistral announces 820 Starter Kit for Embedded Applications

Low cost, optimized development platform based on Qualcomm® Snapdragon™ 820E Embedded Platform

Bangalore, Thursday, 19 April 2018: Mistral Solutions, a leading technology design and product development company today announced the release of the 820 Starter Kit, a low-cost development platform for imaging applications built around the Qualcomm® Snapdragon™ 820E embedded platform. Based on a dual board architecture, the 820 Starter Kit consists of Mistral's highly popular 820 Nano SOM & a compact Carrier Board that provides access to interfaces such as USB over Type-C and Camera.

Priced at just $349.00, the small form factor high-performance Kit is ideal for development of camera-based applications.

The 820 Starter Kit is a trimmed down version of Mistral's highly successful 820 Development Kit – a full featured development platform that consists of the 820 Nano SOM and a feature-packed carrier board. The 820 Starter Kit is offered at a modest price that gives product developers a competitive edge in today's price conscious market.

At the heart of the platform is the Mistral 820 Nano SoM. Based on a complete "System on Module" architecture, the 820 Nano SOM features the Snapdragon 820E Embedded Platform with 64-bit quad-core Qualcomm® Kryo™ CPU, up to 2.35GHz, 4K Encode/Decode, Type-C functionality and integrated 9-axis MEMS on a very small footprint, 3/4GB LPDDR4, 32/64GB UFS with major interfaces available via inter-board connectors. Application Development on the 820 Nano SOM is enabled with Embedded Linux through a feature-rich carrier board that enables prototyping in record time.

"The idea of bringing out the 820 Starter Kit, was to provide a low-cost development platform to product developers looking at exercising mainly the camera capability of the 820 Nano SOM. This scaled down platform comes with Embedded Linux software and an optional Camera Adaptor Board, to help customers realize a wide range of camera applications like *drones, high-end cameras, media gateways, assistive devices and other smart gadgets requiring high end image processing capabilities and high processing power",* said Srinivas Panapakam, Vice President-PES, Mistral Solutions.

The 820 Starter Kit can be pre-booked on the Mistral Webstore and the 820 Nano SoM and 820 Development Kit can be ordered online at www.mistralsolutions.com/webstore

For volume pricing and customization, please contact sales@mistralsolutions.com or visit www.mistralsolutions.com/820nanosom for more information

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 three business domains: Product Engineering Services, Aerospace & Defense and Homeland Security. Mistral provides total solutions for a given requirement, which may include hardware board design, embedded software development, FPGA design, systems integration and custom turnkey solutions. Mistral's strategic partnerships with leading technology companies help provide customers with a comprehensive package of end-to-end solutions. To know more, visit https://www.mistralsolutions.com.

Mistral offers easy-to-use, scalable product development platforms and SOM Modules helping product developers leverage the capabilities of leading processors and SoCs. These platforms and SOM Modules provide product developers with a flexible and independent modular platforms for building their product.

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