PRESS RELEASE
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e-con Systems announces its Smallest low power System-On-Module

eSOMiMX6-micro System-On-Module is based on NXP/Freescale i.MX6 Quad/Dual ARM Cortex-A9 Processor running up to 800MHz; Comes with a very small form factor of 54mm x 20mm with 10mA in suspend current.

St. Louis, USA / Chennai, India – November 30th, 2016 e-con Systems Inc**.,** a company specializing in Computer on modules, announces the release of its eSOMiMX6-micro Computer on module. The eSOMiMX6-micro is based on *NXP/Freescale i.MX6* processor. e-con Systems already has many customers in mass production using computer on modules, such as the eSOMiMX6, eSOMTK1 and eSOM3730. To cater to the customer's demand of a small SOM for building Handheld, Wearable, Medical Imaging device, eSOMiMX6-micro is launched with a compact form factor of 54mm x 20mm.

eSOMiMX6-micro is a ready to use System-On-Module using Quad/Dual ARM Cortex™ A9 Processor running up to a speed of 800MHz. It encompasses eMMC Flash whose capacity ranges from 4GB to 64GB, LPDDR2 with capacity as high as 1GB. eSOMiMX6-micro is a small form factor module providing all possible connecting options for Industrial and commercial products. eSOMiMX6-micro System-On-Module is available with latest version of Linux and Android Marshmallow * (* - Under Development).

Fig 1 – eSOMiMX6-micro – i.MX6 Micro System-On-Module

"As a sequel to our hugely popular eSOMiMX6 System-on-Module, we are excited with the launch of eSOMiMX6-micro, a compact SOM measuring just 54mmx20mm targeting the unchartered territories of wearable devices. With the full-fledged Linux/Android support, the eSOMiMX6-micro measuring a shade above 1000sqmm, is an ideal SOM for the next generation of smart wearable devices.", said Ashok Babu, President of e-con Systems.

"The accompanying Meissa evaluation kit for eSOMiMX6-micro with all the major interfaces is 30% smaller than the credit card and customers can use this as a reference design to develop their space-constraint products in a record short time." he added.

The eSOMiMX6-micro has an operating temperature range of -35⁰C to 85⁰C making it suitable for products to be used in wide temperatures ranging from very cold to hot temperatures. The features of this

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Computer on module includes Full HD@30fps (1080p) Video encoding & decoding along with 3D graphic acceleration that enables the product to be used in high end graphics application. With inbuilt Wi-Fi and Bluetooth (BLE), eSOMiMX6-micro enables the product usage for Wireless Streaming, IoT, Wearable etc.

eSOMiMX6-micro is powered by the Processor which has the best in class ARM Cortex A-9, with its necessary memory and connectivity option in a small form factor. Customers can reduce spending huge amount of time on electrical design and BSP development by making use of our Production ready SOM & it's BSP.

Pricing and availability
The eSOMiMX6-micro at volumes is available at USD 89 onwards and samples can be bought from the Webstore.

Evaluation kit
Customers willing to evaluate the eSOMiMX6-micro, can evaluate using the EVM, Meissa – eSOMiMX6-micro development kit from e-con Systems' Webstore. The development kit among other accessories also features a 13MP camera board, 5MP camera board and 3MP Low Light camera board.

Fig 2: Meissa-I – eSOMiMX6-micro development kit.

For more information, visit the **eSOMiMX6-micro** and the **Meissa-I** web pages.

About e-con Systems

e-con Systems is a product company focused on OEM products with the sole motive to help customers to speed up the time to market. Founded in 2003, e-con Systems has been a pioneer in the OEM Cameras and Computer on module products. System-On-Modules include processors from NVIDIA, NXP(Freescale) and Texas Instruments. Customers are buying our SOMs in volumes of thousands. These computer on modules have support for Android and Linux. They are used in various domains like Medical Imaging, IoT, Wearable, Remote Data Acquisition etc.

e-con Systems has close partnerships with Cypress Semiconductor, NVIDIA, Omnivision, ONSemi/Aptina and Texas Instruments. e-con Systems ships globally to 83 countries in the world including United States,

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