



e-con Systems Releases New Reference Platform for eSOM300 - PXA300 based Computer on Module

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e-con Systems Inc., an embedded Product Development partner, based out of St. Louis, MO and Chennai, India today announced the release of the Rapid Development kit code named Alioth for their eSOM300 system on module.

This release is an ideal generic platform to get customers application development started. Alioth is unique when compared with its market leading cousin Regulus - eSOM270 Reference design in terms of application-specific carrier board, specifically designed for Industrial applications like Industrial Controllers, In-Vehicle Telematics, Vehicle Mount Systems, Test & Measurement Equipment, Mobile devices and MID's WebPads.

Other than bringing out all the peripherals that are supported by the eSOM300 on to the carrier board like Ethernet, Touch screen, SDIO, SPI, I2C, LCD controller, 3 UARTs, 1 wire, local bus expansion, USB high speed client, camera interface, the Alioth board supports peripherals like CAN controller, 8 channel 16 bit ADC controller, Analog VGA, USB 2.0 host and RS485. Optionally, customers can choose to have a LCD of 4.3" (480x272) / 7" (800x480) with Touch screen. As part of the rapid development kit, e-con Systems provides detailed schematics, hardware user manual, Bill of material, application notes to help the customers design their custom board faster and therefore speed up the time to market.

e-con Systems provides a production ready Windows CE 6.0 R3 BSP for the Alioth rapid development kit. The BSP is available with the device drivers for all peripherals and is completely customizable.

Pricing and Availability

The samples for the Alioth Evaluation Kit are currently offered at e-con. For pricing, please visit www.e-consystems.com/alioth.asp or write to sales@e-consystems.com.

About eSOM300 Computer on Module:

eSOM300, the computer on module consists of XScale® PXA300 ultra low power microprocessor, MDDR SDRAM, flash memory, power management IC, Ethernet and Camera Interface. This module is available with Windows CE 6.0 R3 support. Please see www.e-consystems.com/esom300.asp for more information. Please click to download the [Alioth Specification Sheet](#).

About e-con Systems:

e-con Systems, acknowledged by Microsoft as a **Windows Embedded Gold Partner**, is an embedded product development services company focused on end-end product development. e-con Systems has expertise in mobile application processors including PXA270, PXA300/PXA310, PXA320 and has been using its product engineering services to help customers on development of product like digital picture frames, point of sale terminals, video surveillance, Low vision aid equipments, handheld single board computers etc. among others.

Besides this, e-con provides systems integration services such as Windows Embedded CE or Linux BSP porting solutions and device driver development. Also e-con's design services have been used by customers across the globe for hardware design of their products. Visit www.e-consystems.com

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