



Innovation for Growth

Press information 2013-09-04

Cutting Edge Technology Collaboration

Partnerships between Prevas, congatec, and Freescale create exciting new opportunities, particularly in the Freescale i.MX6 based products.

Traditionally module market has been very influenced by x86-based products, but with Freescale i.MX6, ARM has largely made its appearance on the scene of the Computer-On-Module (COM) market, where Freescale i.MX6 offers a CPU series with both 1, 2 and 4 cores in the chips and with the same footprint. congatec has launched a COM board with this CPU, conga-QMX6 that in autumn 2013 goes into series production.

With 1, 2 or 4 cores and a clock at 1GHz, the time of the small operating systems has passed and conga-QMX6 is almost begging to run Android, Linux or Windows Embedded on it. Most COM boards are supplied with a development BSP (Board Support Package), which you can choose to use for the start of the project, but for the matter of stability and maintenance purposes this is not recommendable for the production of final products. If you want an embedded product with a long life that can be updated without major application code changes, you should look towards a tailored BSP.

To make it easier and faster to get started with the right BSP, Prevas developed an OE-lite Linux based BSP for conga-QMX6 containing a good starting point for further work, with a basic bootloader, new Linux kernel, X.Org and Qt included. This BSP is currently provided for Prevas customers in start-up projects on conga-QMX6, training in embedded Linux BSP development, etc.

It is expected that this basic conga-QMX6 BSP is released early in the autumn for the OE-lite Linux community on the site www.oe-lite.org. This is expected to be done when it has been used on a few projects and some operating experience has been gathered of OE-lite Linux integration on conga-QMX6.

For more information and if you have any questions

Mads Doré Hansen, Product Manager, Prevas A/S
E-mail: mads.dorehansen@prevas.dk, Mobil: +45 4019 6566

Søren W. Mathiasen, Vice President Sales & Marketing, Prevas A/S
E-mail: soren.mathiasen@prevas.dk, Mobil: +45 2099 7601

About Prevas

With cutting edge expertise in embedded systems and industrial IT, Prevas contributes by providing innovative solutions that create growth. Prevas was founded in 1985, and the company is the main supplier and development partner to leading companies in industries such as life science, telecommunications, automotive, defense, energy and engineering. Offices are located in Sweden, Denmark, Norway and India. The company has approximately 600 employees. Prevas has been listed on the NASDAQ OMX Nordic Exchange in Stockholm since 1998. For further information, see www.prevas.com.