Ka-Ro launches Secure Computer-on-Module

-   **Ka-Ro TX6UL - new Freescale i.MX 6UltraLite-based COM**

Aachen, 24 November 2015 - Ka-Ro announces an upcoming addition to its TXCOM family. The new TX6UL Computer-on-Module Development Kit is available now. Freescale's new energy-efficient processor features a single ARM Cortex-A7 core delivering speeds up to 528 MHz with low-power operation and industrial temperature ranges. Ka-Ro's new module integrates 256MB DDR3 RAM and 128MB SLC NAND, alternatively the TX6UL can be equipped with 4GB eMMC. On their latest low-cost module Ka-Ro has extended the connectivity options to include a camera interface and 8 UARTs.

Ka-Ro Secure Boot Services

Addressing firmware security, copying and manipulation issues on embedded devices, Ka-Ro now offers two secure boot services for all TXCOMs based on Freescale's i.MX 6 and i.MX53 processors. Customers can order either dedicated secure boot-enabled TXCOMs directly from Ka-Ro which come programmed with their secure key. Alternatively Ka-Ro's support team assists developers individually and enables them to implement this secure foundation to create trusted devices which will only boot and connect with digitally signed authentic code.

Ka-Ro TXCOMs – pin-compatible and long-term available

The TX6UL is the latest addition to the Ka-Ro TX COM family, extending the TX6 family of pin-compatible modules from the i.MX 6Ultralite to the high-power i.MX 6Quad-based TX6Q introduced at the end of 2013. This range enables developers to create a flexible and highly scalable range of products with different features and performance levels from one single product design. The extremely compact dimensions of the module (68 x 26mm) and the standard TX interfaces ensure ease of integration into product designs. Target application areas for this new cost-effective module can be found in industrial gateways and hubs, portable medical devices, building controls or ATM and POS devices.

The new TX6UL module is manufactured by Ka-Ro in its German production facilities according to highest quality standards and has a guaranteed long-term availability of at least 10 years from introduction ensuring an extended product lifecycle and high investment security.

Ka-Ro offers a development kit with capacitive touch display, schematics and BOM as well as Linux BSP with i.MX 6UL device drivers. Complete hardware and software support are included in the kit, which is available globally through Ka-Ro's distribution partners.

Complete information on the new Ka-Ro TX6UL module can be found here:
www.karo-electronics.com/tx6ul

About Ka-Ro electronics

Ka-Ro electronics GmbH was founded in 1988 and produces the TX family of Computer on Modules with ARM® processors from Freescale, Texas Instruments and Atmel, including customized operating system support based on both Microsoft Windows® Embedded and Linux®.

Ka-Ro has expanded its original manufacturing service to become a full-service solution provider for the electronics industry. Ka-Ro offers development and engineering services for individual customer needs. Today, Ka-Ro employs the latest electronic manufacturing equipment which can be used for small, medium and large volume production.

Ka-Ro products and services are distributed through an international network of partners worldwide.
http://www.karo-electronics.com/sales.html

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