Press Release

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PicoCOMA5

Vybrid Dual-Core CPU on a size of 40x50mm

F&S Elektronik Systeme GmbH from Stuttgart expands its successful PicoCOM product family for another module – the new PicoCOMA5. The heart of the module is a Freescale Vybrid Dual-Core CPU (Asymmetric Multiprocessing).
The Vybrid CPU unites an **ARM® Cortex™-A5 with a Cortex™-M4 Core on the same chip, allowing whole new application areas, where graphic and real-time are integrated in one CPU. Other highlights are 10 years of availability and the extended temperature range of the CPU.**

The PicoCOMA5 comes with up to 512MB RAM and 1GB Flash. The 80 poles plug connector holds interfaces 1-2x Ethernet, USB Host, USB Device, CAN, I^2C, SPI, 2x RS232, GPIO, uSD-Card and Audio LINE IN/OUT, a display connection in digital RGB (up to SVGA), a touch connection for 4-wire resistive Touch, as well as PCAP-Touch (via I^2C). The board gets supplied with 3.3V. In case the performance should not be sufficient, we also offer SOMs with an i.MX6 CPU. Emphasize is put on the availability of Linux (Buildroot), WCE 6.0, as well as Windows Embedded Compact 2013.

The dedicated F&S support team helps with any wishes or problems.
The F&S in-house production allows customer-specific versions.

Additionally, F&S Elektronik Systeme offers a starterkit with 7“ TFT, as well as an inexpensive workshop. Possible applications are displaying, controlling and communication devices with a display from 3.5“ to 10.4“ in industrial and medical engineering. As an operating medium one can use a 4-wire resistive touch panel, as well as a PCAP touch panel (with additional glass plate also). This enables a highly diversified application field. The optimal price-performance-ratio makes PicoCOMA5 suitable for annual quantites of more than 10.000 pieces.

Find further information at www.fs-net.de.

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