



## Trenz Electronic launches sales of RFSoc module TE0835 in October 2020

After presenting its new product on this year's "Embedded World" in February, Trenz Electronic's fully customizable TE0835, an extended-grade module based on Xilinx Zynq UltraScale+ RFSoc with a form factor of 65 x 90 mm, is now available for 5.900 EUR. The variant

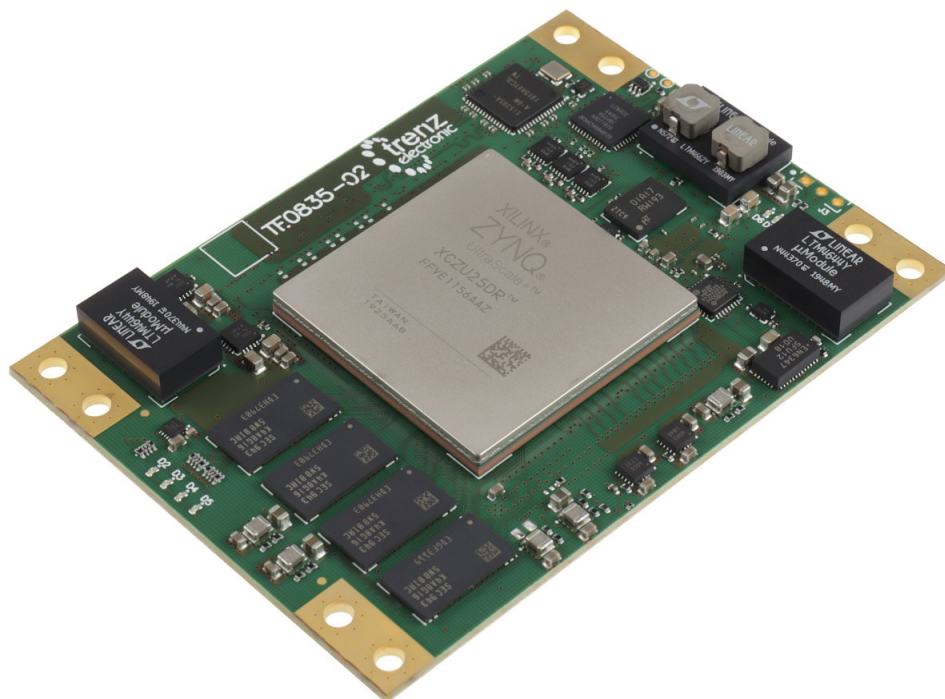
TE0835-02-MXE21-A is by default equipped with 4 x 1 GByte DDR4 SDRAM memory, 2 x 64 MByte SPI Flash memory and includes several interfaces like USB2.0, Ethernet transceiver and two Samtec Razor Beam B2B connectors. It comes with eight RFADC's with 4.096 GSPS and eight RFDAC's with 6.554 GSPS.

Trenz Electronic is able to build the module with the first and or alternatively third generation of Xilinx Zynq UltraScale+ RFSoc. Other assembly options are available on request.

The Zynq UltraScale+ RFSoc family integrates key subsystems for multi-band, multi-mode cellular radios and cable infrastructure (DOCSIS) into a SoC platform that contains a feature-rich 64-bit quad-core ARM Cortex-A53 and dual-core ARM Cortex-R5 based processing system. Now extended to full sub-6GHz support. Zynq UltraScale+ RFSoc features an eight-channel A/D and D/A converter, which means Trenz Electronic's TE0835 is aimed at applications in the signals-intelligence, radar and communications area, but there are no limitations to other markets.

Matching TE0835 perfectly, Trenz Electronic has developed a baseboard (TEB0835) that is also customizable to your specifications and will be in stock soon.

Additional information, like reference designs, schematics, hardware designs, can be found at Trenz Electronic's Wiki: <http://trenz.org/te0835-info>



## **About Trenz Electronic**

Trenz Electronic GmbH from Hüllhorst, Germany, operates as a provider of development services in the electronics industry since 1992. Our service includes design-in support as well as turnkey designs which typically covers all steps from product specification, hard- and software design up to prototyping and production.

Customers benefit from our engineering expertise focused on embedded systems in industrial environments, as well as PC-based process control and measurement systems. Our development service is supplemented by FPGA-and MCU-based development boards and tools. In the event that one of our standard FPGA boards does not meet the customer's requirements, the design can be easily adapted by our comprehensive engineering design service. Our in-house EMS and worldwide distribution of FPGA and SoC modules complete the portfolio.

All modules produced by Trenz Electronic GmbH are developed and manufactured in Germany.

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