Company Profile

Trenz Electronic GmbH operates as a provider of development services in the electronics industry since 1992. Our services include 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.

We are particularly specialized in the design of high-speed data acquisition, high-accuracy measurement and embedded digital signal processing systems based on FPGA and CPU architectures.

Many of our products are compatible with some widespread form factors. We also provide SoM products for Automotive industry and high-end applications.

In the event that one of our standard FPGA boards won't fit the customer's requirements, the design can be easily adapted by our comprehensive engineering design service.

Our in-house EMS and worldwide supply of FPGA and SoC modules complete the portfolio.

Hardware Design

- System architecture and design
- Hardware integration (Design-In)
- Ultrafast digital logic
- Analog and mixed signal
- Digital signal processing
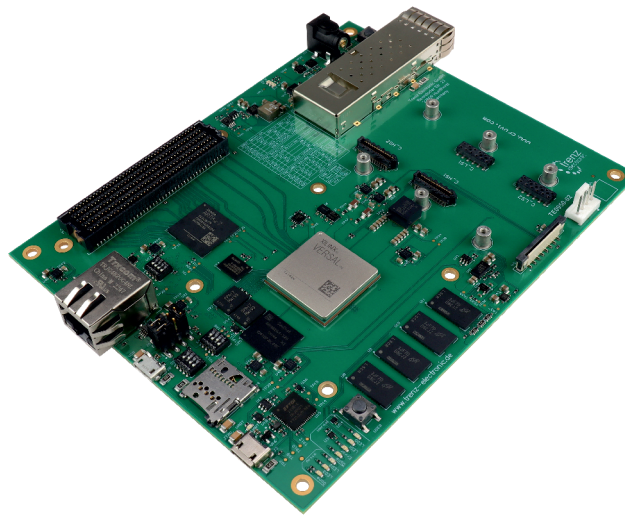- Schematic capture and PCB layout

HDL Design

- FPGA and System-On-Chip design
- System design and synthesis
- HDL design (VHDL, Verilog)
- Integration of soft-cores
- USB, PCI Express, Gigabit Ethernet
- Ultrafast ADC/DAC interfaces

Software Development

- Device driver and application software development
- Software and Firmware development

Electronic Manufacturing Service

Development Boards

TE0950
AMD Versal™ AI Edge Evalboard with VE2302 device

Contact us

Trenz Electronic GmbH

Beendorfer Str. 23
32609 Hüllhorst, Germany
Phone: +49 5741 3200-0

info@trenz-electronic.de
www.trenz-electronic.de
trenz.org/catalogue (PDF catalogue)

AMD Adaptive Computing Partner PREMIER

ISO 9001
REGISTERED FIRM
ISO 9001:2015
(quality management)
certified

ISO 14001
REGISTERED FIRM
ISO 14001:2015
(environmental management) certified

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Trenz Electronic

Electronic Design Service

Development, Manufacturing and Supply of FPGA and SoC Modules

- Customizable
- Rapid prototyping
- Extended device life cycle
- Rugged for industrial applications
- Automotive grade available
- Small and powerful
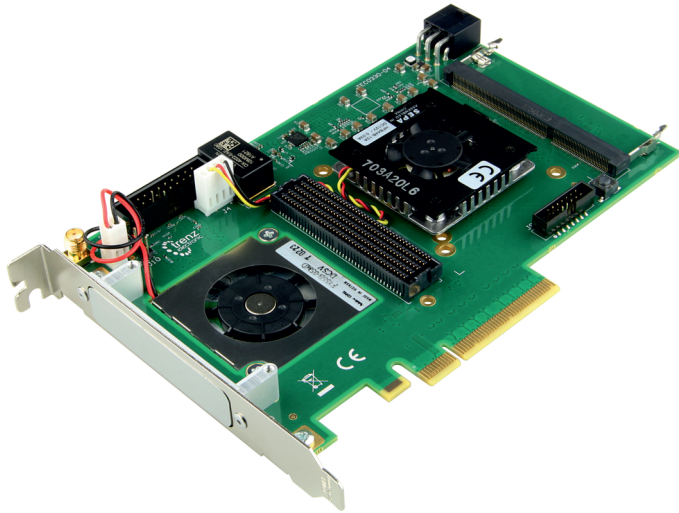- Cooling solutions
- Baseboards/Starter Kits

www.trenz-electronic.de
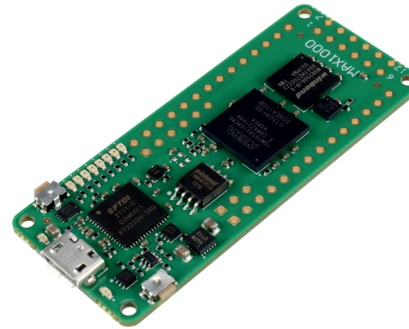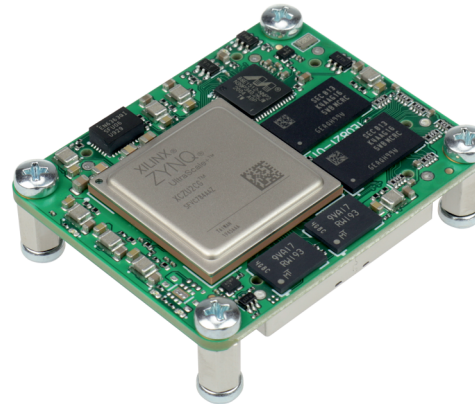
Forging **FPGA** Frontiers

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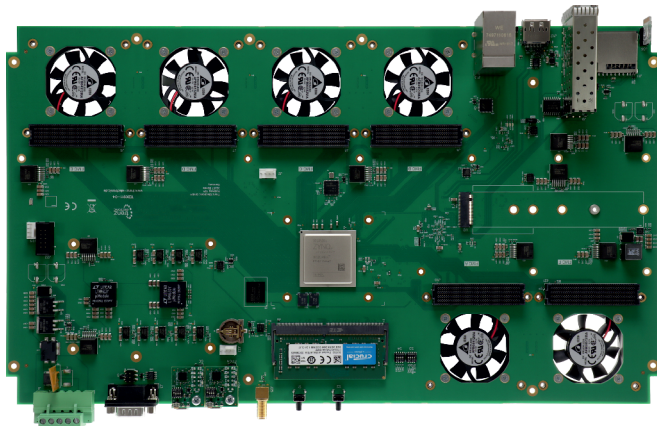
All modules produced by Trenz Electronic are developed and manufactured in Germany.

Supply of FPGA & SoC modules and customized turnkey solutions.

Other assembly options for cost or performance optimization available on request. Also, individual cooling solutions for our modules and several carrier boards are available.

You can find the latest offers at
https://shop.trenz-electronic.de/