We are developing, manufacturing, integrating and selling FPGA and SoC modules for business and science.

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

- Established 1992; GmbH since 2002
- Located in Bünde, Germany
- 54 staff members and growing
- Three locations in Bünde
- SMD inhouse manufacturing
- Rapid Prototyping
Trenz Electronic GmbH

➔ Three departments
  Development
  Manufacturing
  Sales and distribution worldwide

➔ ISO9001 and ISO14001 certified

➔ Xilinx Alliance partner since 2007
Trenz Electronic GmbH

- **Hardware design:**
  - Analog, Digital, Highspeed
  - Rapid prototypes (in-house SMTA)
  - SoM development and customization
  - Custom project development
    (Hardware/Software/Production)

- **HDL design:** FPGA/SoC and CPLD

- **Software and firmware:**
  - Linux, bare-metal, drivers
Trenz Electronic GmbH

Sales (million) ca.

- 2012: 1.5
- 2013: 2
- 2014: 3
- 2015: 4.3
- 2016: 4.8
- 2017: 7.2
- 2018: 10 (estimated)

€
4 x 5 Series Modules
Low Cost Series

- Hobby/Maker
- Educational
- Easy to use connector/header
- Zynq SoC/Artix FPGA/Intel FPGA based
- Compatible: Arduino, Raspberry Pi (HAT)
Automotive/High Temperature/Special

➔ Zynq SoC, mid to high end devices
➔ Automotive
➔ Anti-Sulfur
➔ Coating
CompactPCI Serial Card

➔ Zynq UltraScale+ MPSoC ZU15
➔ 3U form factor
➔ 64bit DDR4 SODIMM max. 32 GByte
➔ 128 MByte QSPI Boot Flash dual parallel
➔ Front side interface connectors
➔ 4 CompactPCI Serial connectors for backplane connection
Analog and special function modules

High speed ADC to 6 GBit optical fibre
High End SoMs with Xilinx Zynq UltraScale+ MPSoC

5.2 x 7.6 cm

4 x 5 cm
Starter Kits

Available with Xilinx Zynq UltraScale+ MPSoC and Zynq SoC

- MPSoC module with Xilinx Zynq UltraScale+
- Pre-assembled heatsink
- TEBF0808 base board
- Core V1 Mini-ITX enclosure
- Including accessories like power supply, XMOD FTDI JTAG adapter, micro SD card, USB cable, screws, bolts
Baseboard and Evaluation Kits

with reference designs

TE0701

TEB0728

TE0703

Acessories

XMOD FTDI JTAG Adapter
SMD Inhouse Production

- Full SMT production since 2014
- Smallest SMD part 01005
- Inline PCB Feeder, direct solder printing, pick and place
- MY300, My100, Mycronic automatic SMD storage system
- Schneider and Koch AOI inspection
- Two IBL vapor phase ovens
- PCB cleaning system
SMD Inhouse Production
SMD Inhouse Production
Free Customer Support

➔ Phone
➔ E-Mail
➔ Forum
Free Download Area

Documentation, technical reference manuals, schematics, reference designs with source files, hardware designs, drivers, assembly diagrams, 3D files and lots more
Free Wiki

Documentation, manuals, resource pages
Bilingual Online Shop

with detailed descriptions and photos of the product, prices, block pricing, available stock, disposability, scope of delivery and more
Distributors all over the World

Global distribution: Digi-Key Electronics, Arrow Electronics, RS Components

Local distribution

Concurrent EDA LLC
ChipCad Ltd.
Future Linking Solution Tech Co. Ltd.
Inipro Inc.
Innovate Software Solutions Pvt. Ltd.
Lextronic
Microembesys Techn. Pvt
mirifica s.r.l.
Sitre Sarl
Sundance Multiprocessor Technology Ltd.
Tokushu Denshi Kairo Inc.
Embedded World Nuremberg
Thank you!