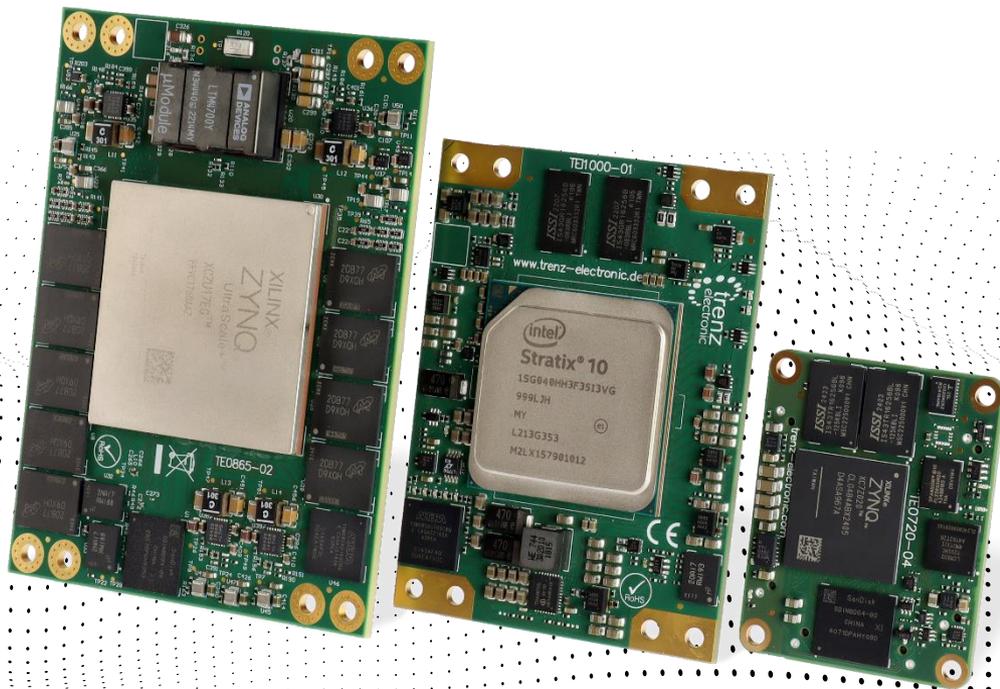




Development & Custom paths

Forging **FPGA** Frontiers



- Located in Germany
- Established 1992 as a sole proprietorship
- 2002 converted to GmbH, now with 90+ employees
- ISO 9001 certified SMD in-house production



Trenz Electronic Production

- 25 years of development with in-house production
- 50,000+ modules per year, 500,000 lifetime
- 500+ customizable modules
- Rugged design with long term supply guarantee
- Industrial temperatures



- Integration of FPGA and SoC modules
- Electronic design service
- Electronic manufacturing service
- Rapid prototyping
- All modules are developed & manufactured in Germany
- Long term supply / obsolescence management

Cost-optimized / Custom Path

- SOM solutions



- Customization / Chip-down



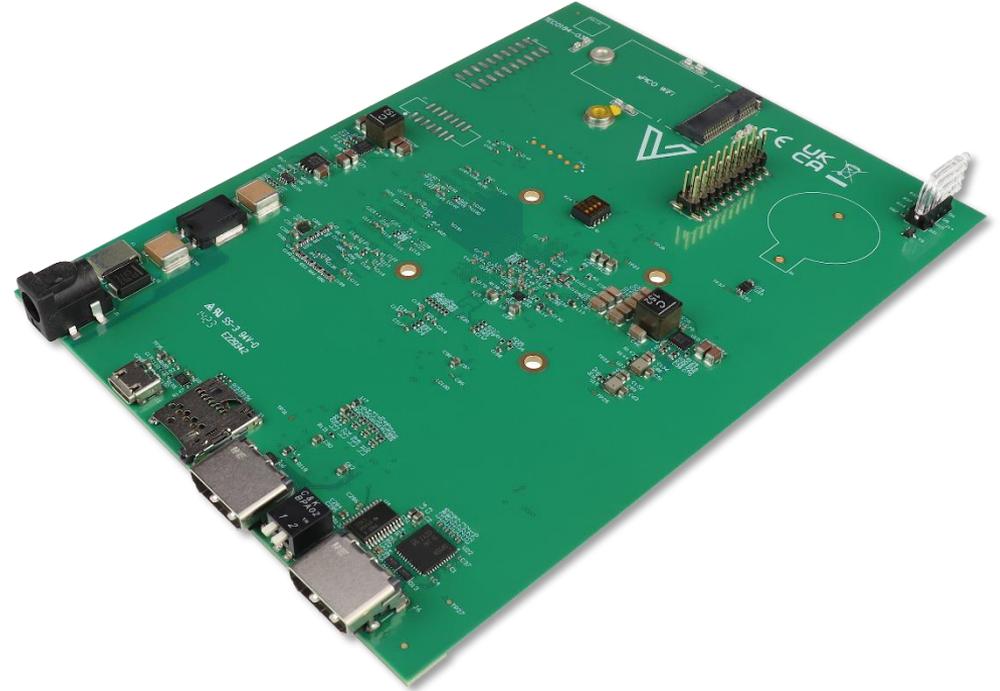
- Turnkey solutions



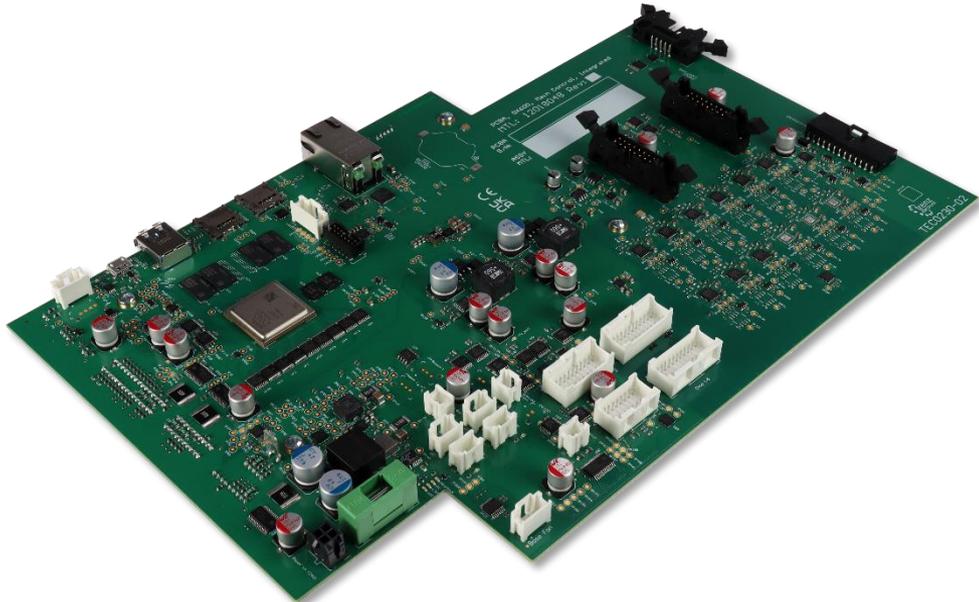
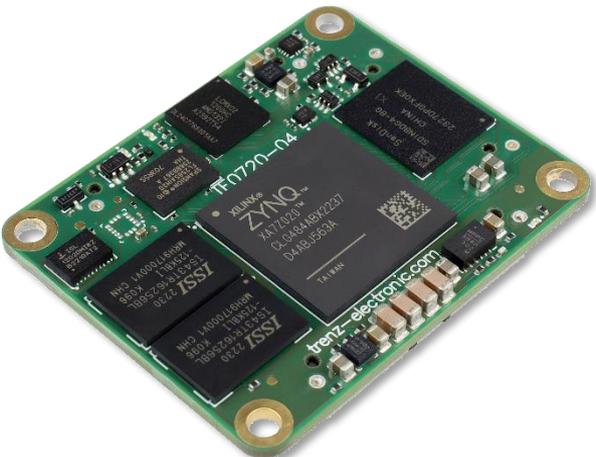
Chipdown from scratch

Keyfeatures:

- AMD Zynq™ UltraScale+™
 - Package C784
- 4 GB DDR4 SDRAM
- 8 GB eMMC
- 2x 64 MB Flash
- USB Transceiver
- 3x User LED
- DIP Switch, 2x Pushbutton
- Oscillator



Implementation

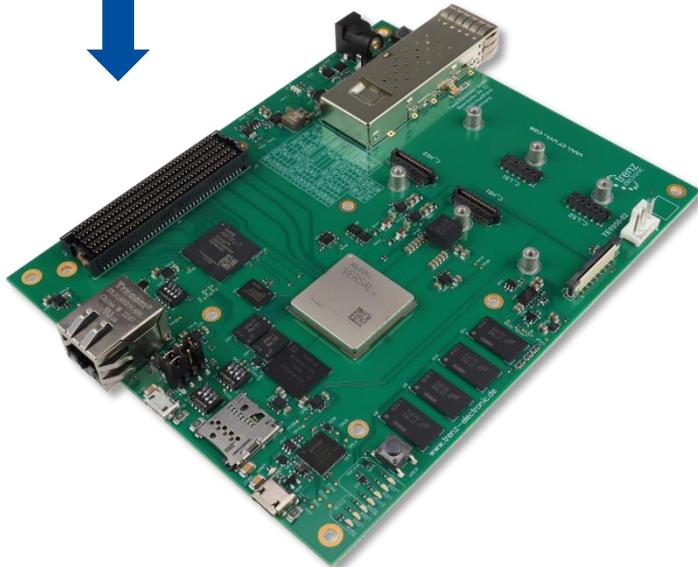


Extension



- Scalability
- No NRE
- Cost optimization
- High flexibility
- Be future proof

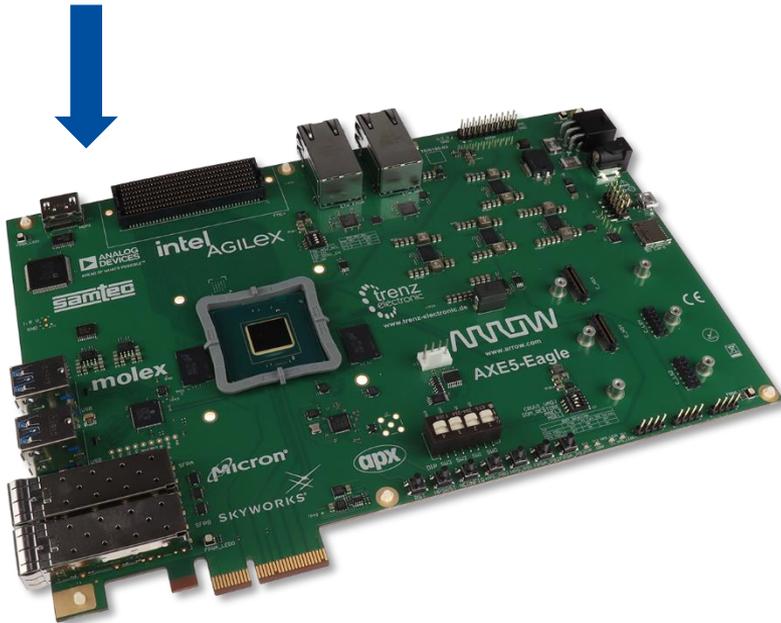
Phase into new generations



Lead, don't follow. Rely on design that's proven.



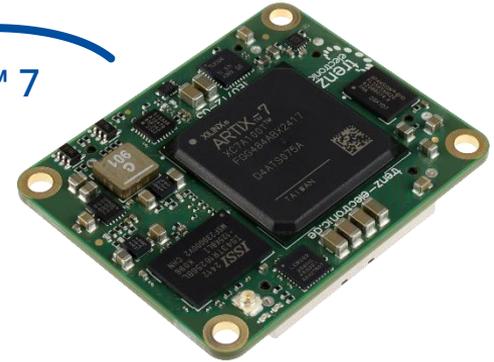
Be ahead of the curve – no guinea pig needed.



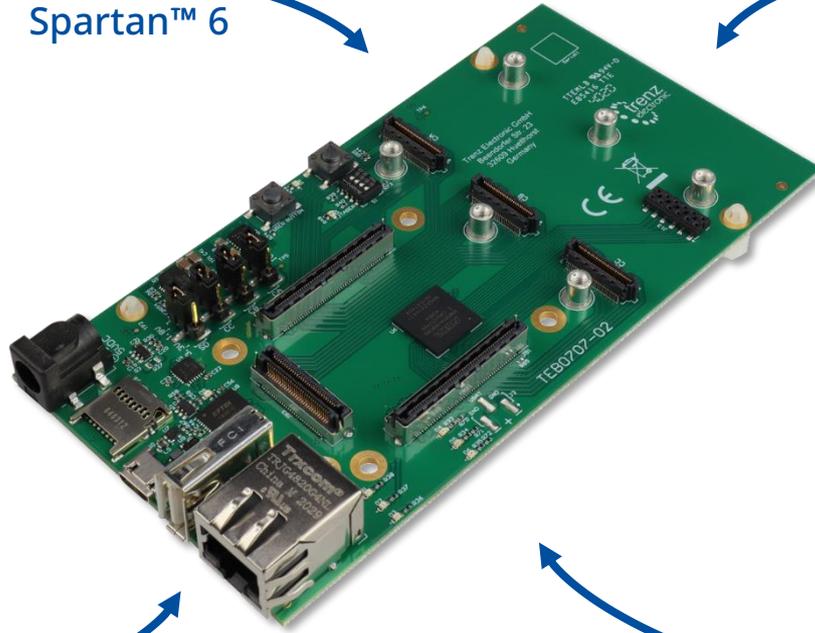
Families with many children



Spartan™ 6



Artix™ 7



Kintex™ UltraScale™



Zynq™ UltraScale+™

- Scalable performance, single platform
- Reduced time-to-market
- Simplified product line
- Cost optimization per use case
- Extended product lifecycle
- Consistent integration footprint

- Schematic review for compatibility
- Cooling solutions
- Custom test scope
- Custom programming

- Free Customer Support
- Free Download Area
- Wiki & Support Forum
- Onlineshop



Equipping for the future



**Thank you
for your attention**