



Embedded modules & systems from TQ-Embedded

TQ is one of very few suppliers worldwide, offering solutions on all common processor architectures – from Arm®, QorIQ® Layerscape, Power Architecture® up to x86. TQ support does not only cover the module itself but also offers assistance for your individual application board.

Highlights

- ▶ Application kit (starterkit)
- ▶ BSP Support
- ▶ Schematic mainboard review
- ▶ Mainboard layout and production
- ▶ Customer specific mainboard design
- ▶ Complete system design, well-founded application design knowledge
- ▶ Own production ISO 13485, EN 9100 & ISO 16949 certified

Category

- BoxPC
- Carrierboard
- Single Board Computer
- Starterkit
- Embedded Module

Form factor

- COM-Express® Basic
- COM Express® Compact
- COM Express® Mini
- SMARC
- TQ Socket
- TQ LGA

TQ-Systems as a hardware specialist for embedded systems is working in close partnership with all leading semiconductors and operating system vendors.



Energy | Smart Grid

Based on our know-how of power electronics and control technology, we are creating regulations for transformers to secure the network against sudden power surges, for example.



Industry | Automation

Our solutions are used for various industrial applications, e.g. as mechanical engineering, automation, measurement, control and regulation-, process-, and monitoring technology.



IoT

Intelligent objects, secure data communication, worldwide management as well as centralized and, to some extent, decentralized storage and data processing require reliable and secure systems on all levels.



Building automation

Our smart products in distributed building control point the way to added efficiency in building automation. This renders complex building automation tasks easy to handle.



Telecommunication

In telecommunications fast and efficient networking is crucial. Large quantities of data must be processed in a short time. Our solutions additionally imply long-term availability, industrial capability and use in an expanded temperature range.

