

We developing this.

COMPETENT DEVELOPMENT

We offer comprehensive services in the area of development. We support you both in the new and development, as well as in the optimisation of your existing product

- **Project management**
- **Creation of functional specifications incl. concept development and evaluation**
- **Product and component development**
- **Hardware development**
 - Circuit development and layout
- **Software development**
 - µController, PSoC's, Embedded OS (WES7)
- **Construction of housings for electronic devices and systems**
- **Creation of suitable test strategies / test environments**
- **Prototypes**
- **Product verification and certification (CE / UL)**
- **Technical documentation**

At R&D Elektronik you will find a comprehensive portfolio of development services. Benefit from from our experience in development, especially especially in the areas of:

- **Embedded Systems**
 - Customised PC solutions
 - Customised operating solutions
- **Communication systems**
- **Bus systems**
- **LED light technology**
- **Display technology**
- **Power supply units**
- **Battery charging technology**
- **Low power applications**

***Precise, cost-optimised,
foresighted, on schedule***



Elektronik



Expertise in conjunction

R&D Elektronik

R&D Maschinenbau

R&D Steuerungstechnik





Elektronik

We do it.

Circuit boards, assemblies, control panels and devices

Development

From circuit board routing to hardware and software development of complex systems.

Material procurement

Favourable material procurement with logistics advantage directly from our warehouses or through our central purchasing department. Alternatively material provision by clients.

Electronics production

SMD and leaded (THT) assembly in an ESD-compliant environment, from prototype to series production in RoHS-compliant or conventional 'leaded'.

Assembly

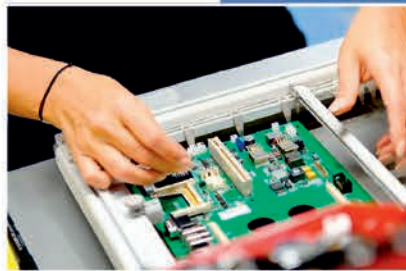
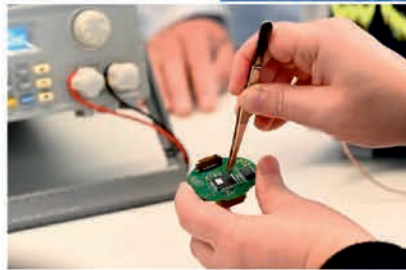
Cable assembly and installation of modules, assemblies and complete end devices.

Quality assurance

Testing by means of automatic test systems, e.g. AOI, ICT etc., documentation, functional testing and environmental simulation.

Shipping

Packaging, labelling and dispatch (individual or collective despatch).



Certified according to UL ZPVI 2/8  US E337151
Quality management according to DIN EN ISO 9001:2015

