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# INFORMATION

Reliable development and production of electronics

# ABOUT RAFI ELTEC

As a technology service provider, RAFI Eltec develops and produces electronic assemblies and systems according to customer-specific requirements from the idea to the finished product.



At our location in Überlingen located on Lake Constance, with 300 members of staff, we implement your ideas into high-quality products. From development to the procurement of materials, prototype production, and creating tests all the way to receive production, from us, you receive quality from a single source.

**RAFI Eltec** is the flexible EMS service provider for complex assemblies, advanced technologies, qualified prototype production and for reliable production of serial piece numbers.

Our location in Überlingen situated on Lake Constance in the south of Germany, lies in the heart of Europe. Thanks to the very good connections to the international airports of Zurich, Stuttgart and Friedrichshafen, as well as to the highway and railway networks, **RAFI Eltec** is easily accessible.

# RANGE OF SERVICES

**RAFI Eltec specializes in the reliable production of complex assemblies and systems from development to the finished product.**



**RAFI Eltec** is distinguished due to its sustainably solid production processes and due to reliably executing all project implementation processes. Through many years of experience in the field of energy measurement for real estate and in W-LAN, wireless and network applications, **RAFI Eltec** has built up special production and testing expertise. Furthermore, **RAFI Eltec** customers confirm a high level of reliability with regard to timing and the technical implementation of projects.

## Development

### Concept:

- Definition of requirements
- Design concept
- Functional concept

### Design

- Draft designs
- Principle design
- Functional models
- Ergonomics

### Development

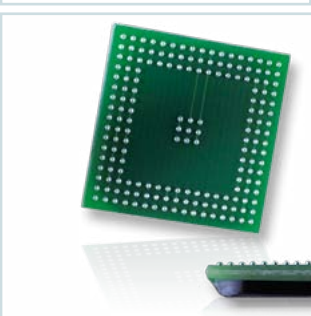
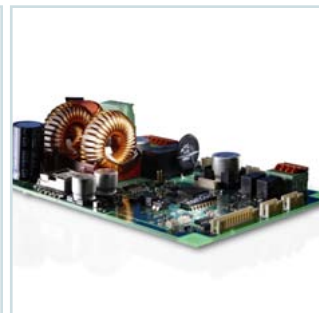
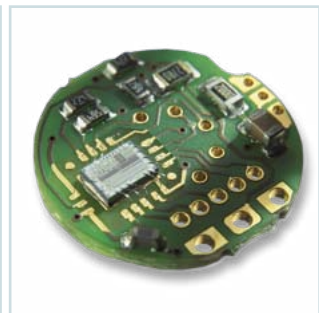
- Specifications
- Hardware development
- Software development
- Design

## Production

- Chip-on-board, FlipChip, chip-on-flex, chip-on-chip (bonding)
- Fully automatic SMD high-speed and fine assembly, Flip Chip, BGA, CSP, QFN, 0201, AOI, Finepitch
- Through-hole assembly
- Selective soldering
- Dip soldering
- Press-fit technology
- Protective coating of assemblies (varnishing and sealing)
- Installation of complete units and systems
- In-circuit testing, flying probe test, boundary scan testing, functional testing, burn-in

# PRODUCTS

RAFI Eltec stands for consistently high quality in the development, design and production of electronic assemblies and systems. New ideas combined with more than 30 years of experience are reflected in products in a wide range of industries.



**RAFI Eltec** supplies customers in the following industries, for example:

- Energy measurement technology
- Electronic communication systems
- Wireless technology
- Measurement and testing technology
- Industrial electronics
- Medical engineering
- Energy and power electronics
- Sensor systems
- Illumination / LED applications



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