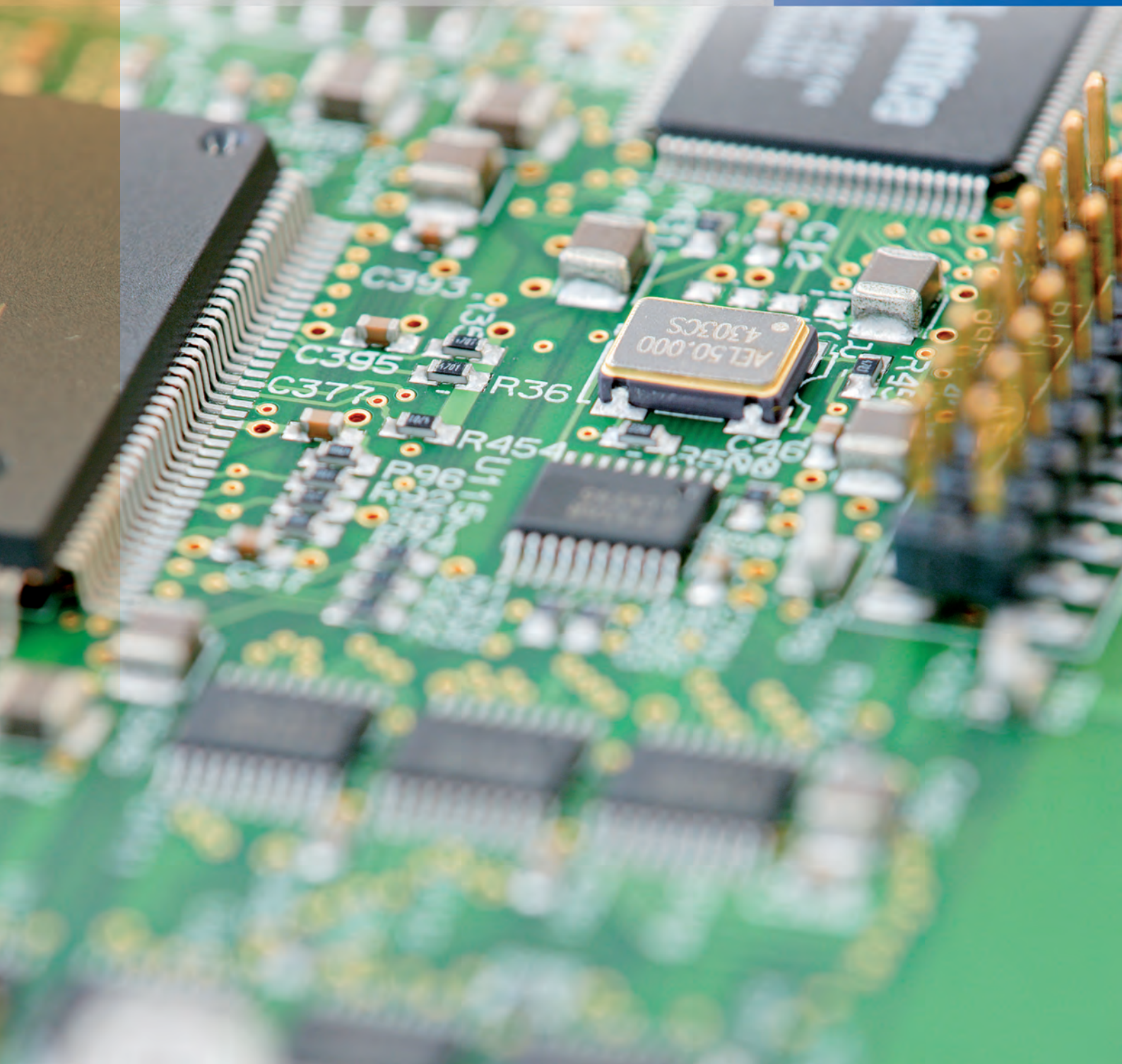


First-class
service portfolio

Development and manufacture of
customized electronic products



Innovative. Comprehensive. First-class.

«Shared goals
generate the most
efficient synergies.»



Your highest quality electronic outsourcing partner



Cicor Electronic Solutions is an internationally active full-service provider offering a wide range of production options for PCB assembly, system assembly, box-building and switchbox construction, cable assembly and injection moulding.

We offer solutions based on our skill, innovative strength, advanced technology and specialist expertise. This means we can develop extremely high quality electronic products that meet your exact requirements. Cicor Electronic Solutions aims to be your partner throughout the whole product life-cycle: from product development, to series production, to after-sales service.

Certification:

- ISO 9001:2008 Quality management system
- ISO 13485:2003 Quality management system for medical products
- ISO 14001:2004 Environmental management system
- AQAP2110 NATO Quality assurance requirements for development, construction and production
- ISO/TS 16949 Quality management system for the automotive industry



Perfect symbiosis

Cicor Electronic Solutions is a division of the Cicor Group. It offers a comprehensive service for the development and manufacture of electronic products and all-in-one solutions for your electronics needs. We are a globally active contract manufacturer with production sites in Central Europe, Eastern Europe and Asia (Switzerland/Romania/Singapore/Vietnam/Indonesia). By exploiting our synergies worldwide we guarantee a first-class portfolio of services.



One-stop shop

Cicor Electronic Solutions – operating from three locations – offers integrated manufacturing and quality assurance processes, identical production facilities, test systems and standard ERP software. This allows rapid market entry, an optimum choice of production sites, simple relocation of production and rigorous cost control.



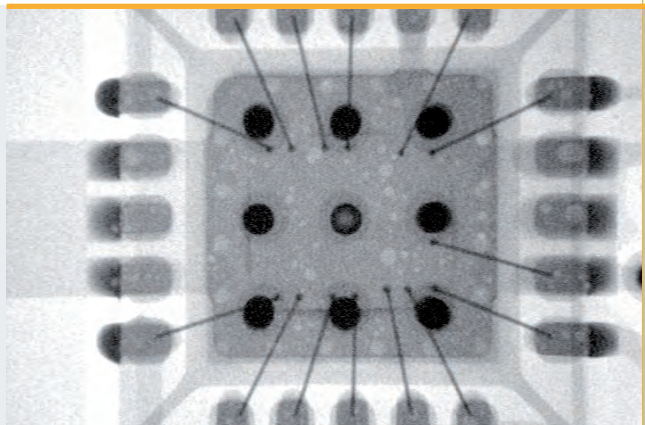
Security and confidence in a dynamic world

At Cicor Electronic Solutions, your product is looked after exclusively by experienced specialists. Our technology experts can give you sound advice about the onward development of products, processes and manufacturing methods.



The underlying principles: partnership and reliability

Cicor Electronic Solutions develops and produces products of the very highest quality using state-of-the-art equipment. We create a lot of value for clients through our flexibility and focus on solutions.



Range of services



Overview of product development:

- Consulting/risk analysis/feasibility studies/ requirement specifications
- Hardware development
- Software development
- PCB layout
- Mould design
- Redesign/reverse engineering
- Certified development process according to: ISO9001/ISO13485/AQAP2110
- Development according to: ISO60601/ISO62304

Overview of test engineering:

- Development of test concepts (AOI/flying probe test/ ICT/function test/x-ray/boundary & frame scan)
- Building and programming test systems
- Integration of test systems in the production environment
- Management of quality assurance data with traceability across product's whole lifetime

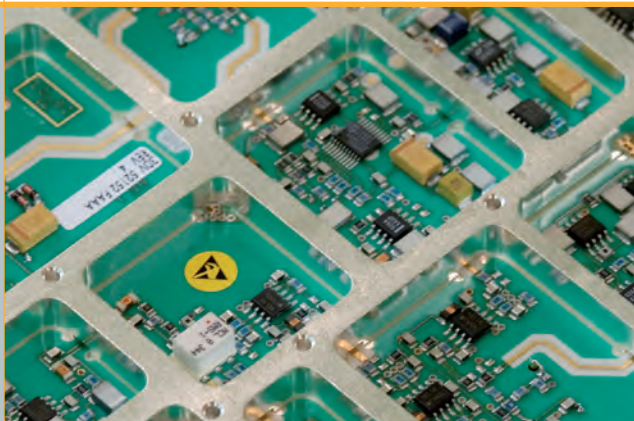


Industrialization:

- Layout testing
- Evaluation of second-source components
- Obsolescence management (EOL)
- Validation of production and test systems
- Prototype construction
- Initial sample testing

Production:

- Optimized materials sourcing
- PCB assembly
- SMT/THT programming of components
- Box building
- System assembly
- Cable assembly
- Testing: AOI/flying probe tests/ICT/function and system tests/x-ray/burn-in/run-in
- Potting and coating
- Coil winding
- Plastic & precision injection moulding
- Equipment modification



After-sales:

- Lifecycle management
- Logistics and packaging concepts
- Repairs (RMA)
- Reviews of discontinued components
- Preferred component lists
- Developer workshops

Industries and segments

Medical

- Defibrillators
- Lung respiration devices for emergency surgery
- Breast pumps
- Shockwave therapy devices
- Electronic dosing systems for self-medication

Defence/aviation/security

- Lign-of-sight radio devices
- Security access systems
- Audiovisual systems for vehicle manoeuvres
- Cable harnesses for armoured vehicles

Rail

- Data recording systems
- Signal control systems
- Ticket machines
- Door sensors

Manufacturing

- Measuring and regulating equipment
- Man-machine interfaces
- Process monitoring equipment for the textiles industry
- Sensor controls and sensors
- Machine controls

Consumer goods/communications

- Computer knitting machines
- Telecommunications modems
- PDAs
- USB sticks
- Lifestyle products



«A successful product
embodies more
than the sum of its parts.»

Global and local
presence

**Cicor –
the dynamic, high-growth technology group**

Cicor worldwide

Cicor is a Swiss group of leading companies in the electronics industry. It is organized into four divisions: Printed Circuit Boards (PCB), Microelectronics (ME), Electronic Solutions (ES) and Asia. The group's companies provide complete outsourcing services and a broad range of technologies for the manufacture of highly complex PCBs, hybrids and electronic modules. With around 1200 employees in 11 production sites in Switzerland and abroad, and more than 20 representative offices worldwide, the group supplies high-quality custom-made solutions to its clients all over the world.

Contact Cicor Electronic Solutions

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