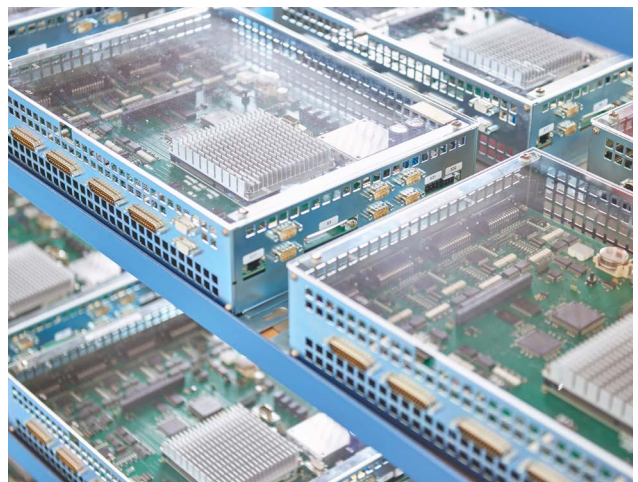


## Electronic Manufacturing Services

PCB assembly, microelectronic assembly, cable assembly, box building and system assembly

Cicor maintains a strong network for the contract development and production of electronic assemblies, devices and systems. With a broad manufacturing spectrum in the areas of printed circuit board assembly, microelectronics assembly, box building, system and control cabinet

construction as well as cable assembly, Cicor offers outsourcing solutions from the idea to the finished product. Thanks to its global production setup, Cicor has cost-efficient structures that can be precisely tailored to customers' needs.





## Portfolio

### Engineering & test engineering

- HW/SW development
- PCB design
- Mechanics
- Automatic optical inspection
- Various tests (flying probe, in-circuit, test, x-ray, etc.)

### Printed circuit board assembly

- Laser marking/labeling of PCBs with unique serial number
- Acquisition and evaluation of process steps (component batches and test data at assembly level) in quality data management
- Solder paste printing in screen printing process
- 3D solder paste inspection
- SMD assembly
- Reflow soldering

- THT PCB assembly
- Wave soldering
- Selective soldering
- CNC milling/sawing for panel cutting
- Manual soldering according to IPC A-610
- Programming of integrated circuits
- Fully automatic painting and encapsulation of assemblies
- Prototypes and very small series under serial production conditions

### Microelectronic assembly

- SMD assembly
- Chip assembly
- Wire bonding
- Encapsulation

### Box building and system assembly

- Proven supplier base for mechanical purchased parts
- Various joining technologies such as bonding, ultrasonic welding, vibration welding, etc.
- Marking and labeling (laser marking, pad printing, screen printing, etc.)
- Functional, environmental and burn-in tests
- Customized packaging solutions

### Cable assembly

- Cut to length, stripping and crimping
- Automatic strand production
- Overmolding of connectors and cables

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### Markets



Medical Technology



Industrial



Aerospace and Defence



Wearables



Building Technologies

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### Contact



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The Cicor Group is a globally active provider of full-cycle electronic solutions from research and development to manufacturing and supply chain management. Cicor's approximately 4,300 employees in 12 countries are serving leaders from the medical, industrial and aerospace & defence industries. Cicor creates value to its customers through the combination of customer-specific development solutions, high-tech components, as well as electronic device manufacturing.

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