



Ulm, Germany

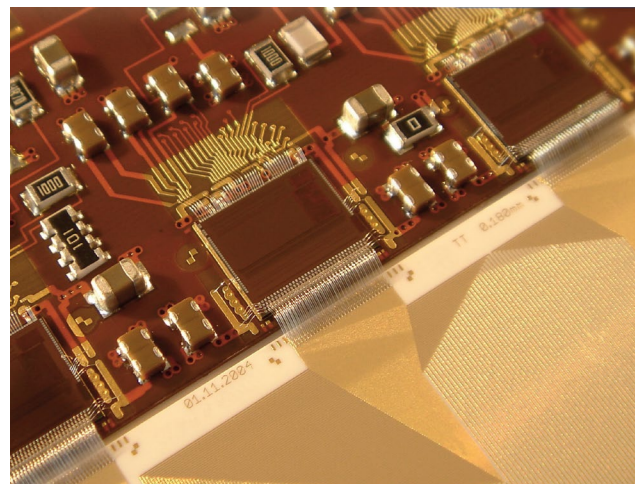
Production site for substrates and hybrid circuits

The Cicor location in Ulm (Reinhardt Microtech GmbH) specializes in the production of ceramic and flexible substrates in thin-film technology and has extensive development expertise in this field.

The production takes place in the clean room using microelectronic manufacturing processes such as lithography, sputtering, etching, electroplating and mechanical processing. The production and pro-

cesses are designed for maximum flexibility in order to meet special requirements for substrate materials and process combinations.

The site offers thin-film substrates (Al_2O_3 , AlN , LCP, polyimide, ferrite, glass) in prototype and volume production.



Competencies and services

Thin-film substrates

- Rigid and flexible substrates, multilayers
- Flexible multilayer circuits with very high resolution (10 µm)
- Metallic coating
- Sputtering
- Electroplating (copper, nickel, gold)
- Photolithography
- Wet etching, dry etching (RIE)
- Clean rooms ISO class 7 und ISO class 5, 1'000 m²

Automatic laser trimming

- Laser trimming using a YAG laser
- High-value resistors

Forming and singulating

- CO₂ laser cutting
- Diamond cutting

Markets



Industrial



Medical



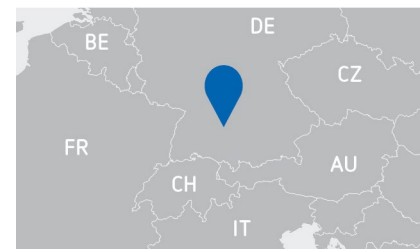
Aerospace and defence



Wearables

Certifications

- ISO 9001 Quality



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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 2650 employees at 16 locations worldwide 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.

