



Ulm, Germany

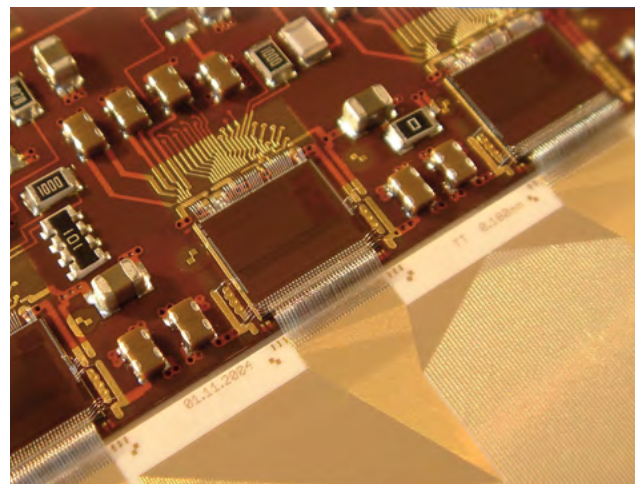
Production site for substrates and hybrid circuits

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 micro-electronic manufacturing processes such as lithography, sputtering, etching, electroplating and mechanical pro-

cessing. The production and processes 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



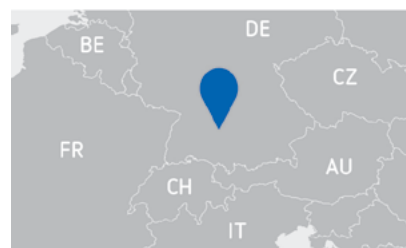
Aerospace and defence



Communication

Certifications

- ISO 9001 Quality



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The Cicor Group is a globally active development and manufacturing partner with innovative technology solutions for the electronics industry. With about 2100 employees at ten production sites, Cicor offers highly complex printed circuit boards, printed electronics, hybrid circuits and substrates as well as comprehensive electronic manufacturing services (EMS) including microelectronic assembly and plastic injection molding. Cicor supplies customized products and services from design to the finished product from one source.



cicor.com