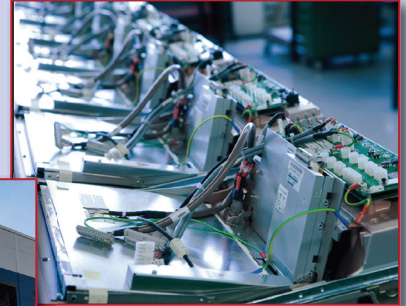


FAB S and LAB S

Cicor—Your Global Manufacturing Partner



Founded in 1966 in Lausanne, Switzerland, the Cicor Group is a solutions provider with worldwide operations and a global portfolio of electronic services and technologies ranging from prototyping to assembly to test. With over 2,000 employees at 10 production sites, the Cicor Group offers highly complex printed circuit boards (PCB) and hybrid circuits, printed electronics as well as comprehensive electronic manufacturing services (EMS), including microelectronic assembly and plastic injection molding. As your worldwide manufacturing partner, Cicor provides customized products and services from design to the finished product from one source.

The Cicor Group offers a wide range of products and services in the fields of PCB assembly, box building and system assembly, control cabinet construction, cable assembly, tool design and fabrication. Cicor offers outsourcing solutions for the development and manufacture of electronic assemblies to complete devices and systems.

Cicor has been developing and producing complex flexible, rigid-flexible and rigid PCB from concept to large scale production for many years. They have expertise in multilayer boards (MLB), multi-chip modules (MCM), high-density interconnects (HDI) and reel-to-reel technology, offering innovative and reliable solutions for demanding applications in medical, aerospace & defense, automotive and transport, communication, industrial, watch and consumer markets.

Thin film materials as well as line width and spacing down to 25 μm enable extreme miniaturization and ultra-HDI advanced solutions. Their new DenciTec[®] technology opens up new possibilities for innovative circuits that can be produced by combining PCB processes with thin film technology. The company offers hybrid circuits using thin

film substrates with tolerances to $\pm 2 \mu\text{m}$. Cable lines in thick film technology can be installed in the screen printing process and then cured. For products that need high-reliability, the use of ceramic substrates ensures maximum reliability even under the hardest environmental conditions.

The new Cicor site in Arad, Romania offers manufacturing services for high quality electronic products. The site supports its clients starting in the planning stage, ensuring the ideal outsourcing solution tailored to the client's specific needs. As an EMS partner over the entire product life cycle, from hardware and software development through series production to after sales service, the facility offers complete outsourcing solutions for the manufacturing of electronic component assemblies as well as complete devices and systems.

The new Arad facility is equipped with SMT production capabilities including 18 SMD assembly machines, and six nitrogen convection reflow systems including fine pitch stenciling and automatic inspection. The facility is also equipped with through-hole technology including automatic and manual assembly, automatic cutting plus five nitrogen wave soldering systems. Coating systems are also on site for dip and silicone coating. The production also includes comprehensive testing capabilities including in-circuit, flying probe, functional and custom tests. Full optical inspection and traceability are included in the production process flow.

Companies that focus on their core business, while making effective use of external specialists such as Cicor to help design and produce their electronics, can achieve a competitive advantage in the marketplace with fast time to market at a competitive cost.

www.cicor.com