



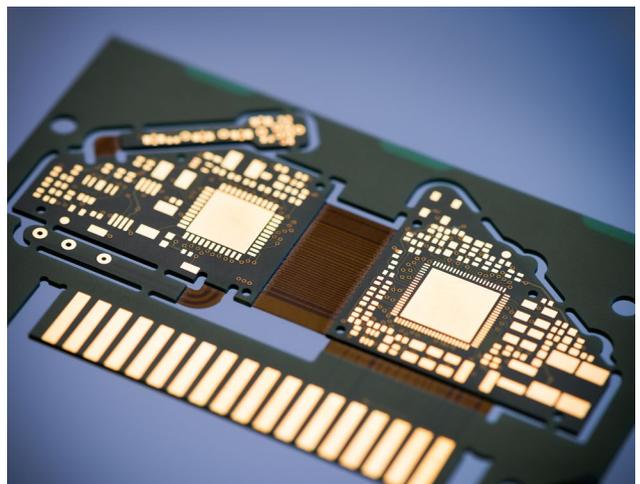
Boudry, Switzerland

Production site for printed circuit boards

The Cicor site in Boudry (Cicorel SA) is a manufacturer of high-end printed circuit boards, specializing in circuit miniaturization and highly demanding applications.

The site develops and produces sophisticated rigid, rigid-flexible and flexible printed circuit boards and has comprehensive expertise in multilayer boards (MLB) as well as high-density and ultra-high-density interconnects (HDI and uHDI).

The site in Boudry is working closely with its customers in the medical, automotive, aerospace and defence, communication, watches and consumer industries.





Competencies and services

High-end PCBs

- Flex, rigid-flex, and rigid PCBs using various base materials
- Highly miniaturized and ultra-thin PCBs
- Parallel and sequential build-up
- Laser and mechanically drilled/machined blind vias, through-holes and cavities
- Controlled depth drilling and routing with +/- 7 µm tolerance
- Copper-filled blind vias and through-holes to enable via stacking and via in pads structures
- Non-conductive epoxy-plugged through-holes plated over/ non plated over
- Mechanically routed and laser cut contours

DenciTec®

- Line widths and spacings down to 25 µm
- Copper thicknesses of 20 ± 5 µm on all layers
- Laser-via diameters of 30 µm
- Annular rings of 30 µm for the inner layers and 20 µm for the outer layers
- Copper-filled blind vias with the option of via stacking and vias-in-pads
- Ultra-thin circuits are possible, using a 12.5 µm polyimide core material (4-layer flex circuits less than 120 µm thick)

Markets

-  Industrial
-  Medical
-  Aerospace and defence
-  Wearables
-  Building Technologie

Certifications

- ISO 9001 Quality
- ISO 14001 Environment
- ISO 45001 Occupational health and safety



Cicorel SA

Route de l'Europe 8
2017 Boudry, Switzerland
Tel. +41 32 843 05 00
info-pcb@cicor.com

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.

