



Boudry, Switzerland

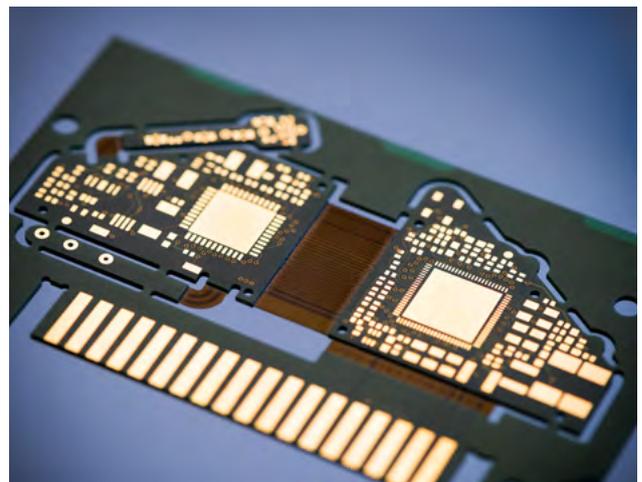
Production site for printed circuit boards (PCBs)

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
-  Watches and consumer
-  Communication

Certifications

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



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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