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.
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)

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