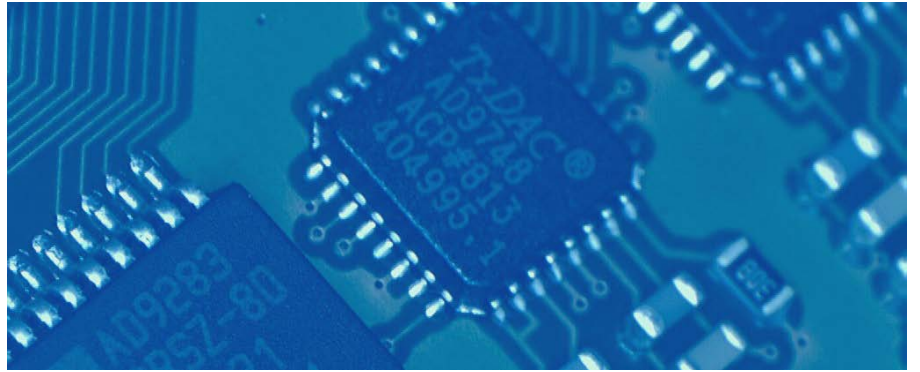


Production

Professional Services

At the WEY location in Zurich, Switzerland we develop and produce our own electronic hardware using leading-edge production equipment.

We also offer development and production services for external products.



From Design to Production

WEY assembles over 30,000 Printed Circuit Boards (PCB) per year.

Our engineering and production teams are all in-house. This ensures short and efficient communication paths between the Research, Development and Production Departments.

Thanks to our own production facilities, we are independent, fast and flexible and we have an extremely low fault and failure rate. From the design through the manufacturing cycle we develop and deliver standard products and customised solutions, no matter how complex.

Layout and Prototype

First we need to understand the exact customer requirements. The definition of the functional specifications usually includes a feasibility study or proof of concept.

The next step is to prepare the actual design - from the print layout to the concept of the mechanics.

The last step before the production of the first series is the creation of the assembled prototype followed by exhausting testing and proof of its functionality.

Highlights

- In-house R&D
- In-house production facilities
- Short communication paths



Assembly & Soldering

WEY production facilities cover the full range of processing techniques for PCBs.

Rigid and Flexible PCBs

Regardless of the format specifications, our PCBs are made-to-order in terms of size and flexibility.



Single and Double Sided Assembly

WEY manufacturing methods meet all requirements to mount components on one or both sides of the board.

Through Hole Technology (THT) and Surface Mounted Technology (SMT)

We produce our PCBs using both commonly used technologies for placement and soldering: through-hole and surface-mount.

RoHS, ISO 9001 and REACH

Our soldering processes conform fully to the RoHS (Restriction of Hazardous Substances) Directive. We have been soldering lead-free since 2004 and our expertise continues to grow.



Our production processes comply with the ISO 9001 and REACH standards.

Mechanical Production

The mechanical design is an integral part of each WEY Solution. We plan, design and produce customised housings and chassis.

Highlights

- Rigid & flexible formats
- Single & double sided PCBs
- Conform to RoHS, REACH Directive and ISO 9001

Third Party Products

WEY also offers development and assembly services for third party products. We work most efficiently with small to medium size series production runs.

Consulting

Our experienced team is prepared to assist you in the creation of the layout and guide you through the design of appropriate housing.

Sourcing of Components

Take advantage of our procurement processes to streamline your supply chain and achieve volume discounts.

Testing

Intensive testing and quality control is an inherent part of our manufacturing process. Optical inspection is included; testing the device functionality is optional.

References

- Flexible prints for ticket and access control at the European Soccer Championship Games 2009
- THT boards for power supply units in surveillance devices
- PCBs in remote control devices used for industrial machines

Highlights

- Design consultation services
- Sourcing of components
- Customised production runs