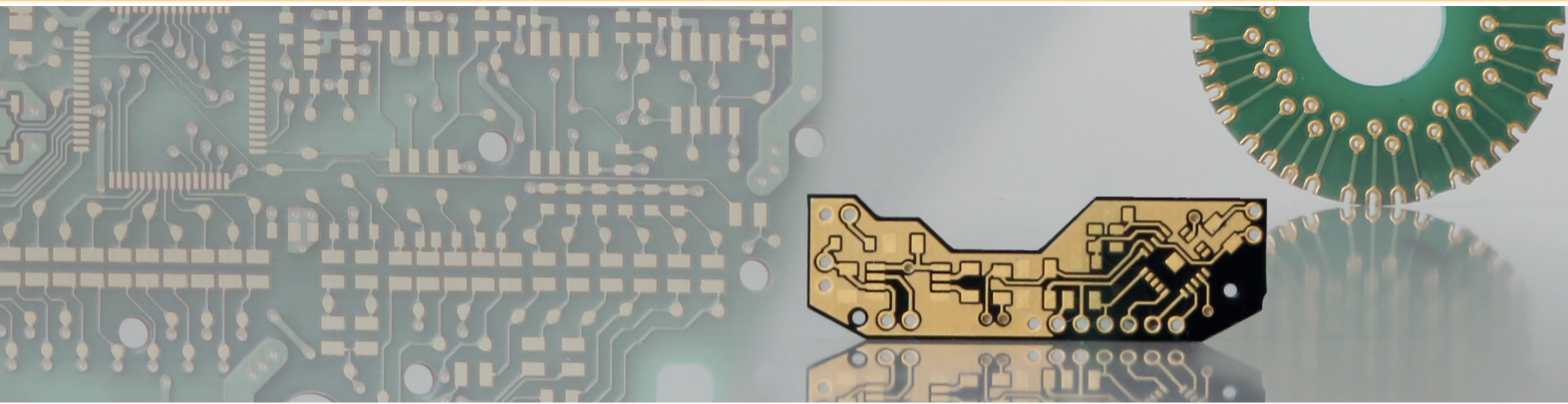


We produce printed circuit boards with passion...
...challenge us.



Polytrona AG was founded in 1967 as a manufacturer of electronic products. Since 1974 its production site has been located in Stansstad, canton Nidwalden.

Polytrona – a Swiss Printed Circuit Board Manufacturer

The production of PCBs has been carried out completely in-company for many years. Thanks to our decades of experience in the production of printed circuit boards, we can advise you in every matter.

Customer service is our top priority!

Printed circuit board layout

Highly trained employees complete your order professionally.

We offer to our customers:

- EMC-compliant PCB design
- well-founded knowledge in EMV matters
- creating schemas and PCBs on Altium Designer
- many years of experience in PCB design
- advice on development (mechanics)
- layout from Schema or Netlist
- executions on schedule
- various output formats
- in-house THT and SMD assembly of prototypes

From the construction to the production of assembled prints – everything produced in-house and a single source!

We supply literally Swiss quality products

- fast, inexpensive and reliable
- express service from 24h
- normal service from 10 working days
- special offers for prototypes up to 10 units
- digitization from samples, drawings or films
- all base materials available
- consecutive numbering
- and much more

| | |
|------------------------------|--|
| In-house production | 1- and 2-sided |
| Trade | Multilayer |
| Base material | <ul style="list-style-type: none"> • FR4 standard • FR4 high-TG • FR4 halogen free • polyimide • aluminium • CEM1 Other materials on request |
| Copper layers | 0 - 250 µm |
| Delivery format | Max. width approx. 450 mm Max. length approx. 1000 mm |
| Surface | <ul style="list-style-type: none"> • Lead-free and leaded HAL • Chemical nickel/gold • Chemical tin • Chemical silver • Bond and hard gold • OSP (Entek) • Solder lacquer |
| Photosensitive solder resist | <ul style="list-style-type: none"> • green  • white  • blue  • red  • black  • transparent Other colours on request |
| Electrical testing | 100% flying probe |
| Special | <ul style="list-style-type: none"> • Assembly printing • Solder resist • Vacuum sealing mask • Carbon conductive lacquer • Edge metallization • Plated countersinking -through slots • Faceting • Deep drilling and milling • Press-fit technology • Spray scribing |