

Bernhard Gleissner

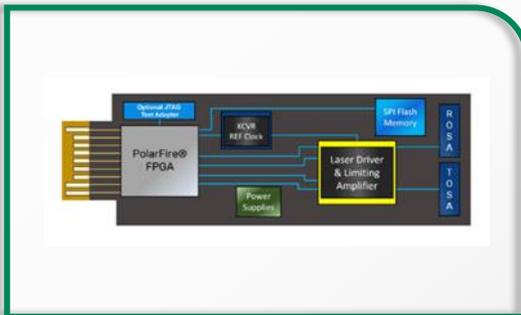


- Located in Germany, South of Munich
- 100 employees
- Production of small to mid size series
- Own product line based on FPGAs
- Electronic Engineering and Manufacturing Services (E²MS)

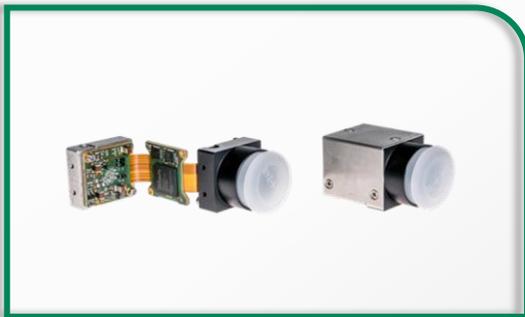
Engineering



- Specification, schematic design, test development, PCB layout and construction of mechanical parts
- Complex digital circuits and systems
- Latest FPGAs from several vendors
- High-performance interfaces and high-speed and complex memory
- PCBs with up to 52 layers
- DC/DC and SI simulation
- Software development and HDL design including test and verification concepts



Production



- 2000m² production area
- SMT / THT lines
- All component sizes from 01005
- BGA, LGA 0,2mm pitch up to 7000 balls
- Board sizes of 620 x 535 mm
- BGA rework and reballing
- Microscope workstations
- 3D print
- Mechatronics
- Camera Cleanroom

Test & Inspection

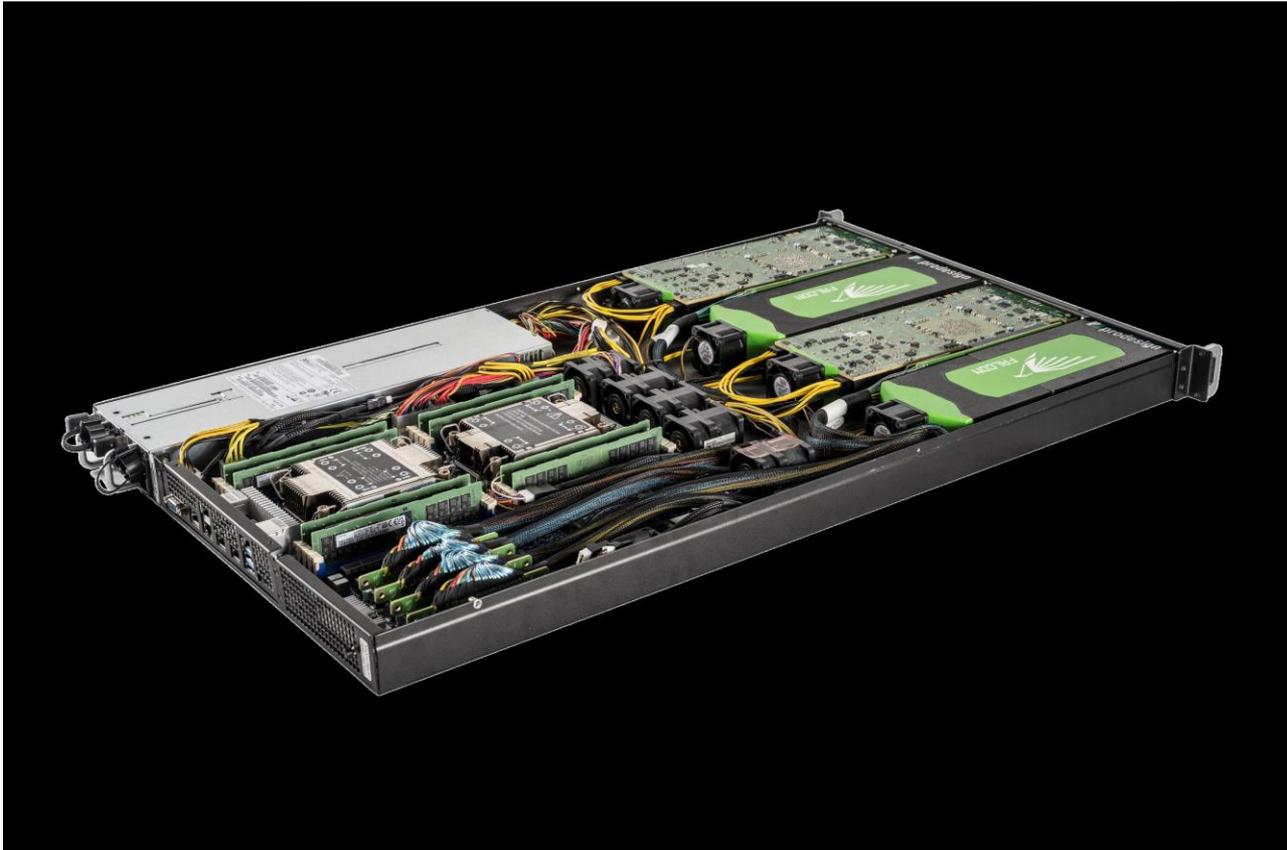


- Solder Paste Inspection (SPI)
- Optical inspection incl. 3D AOI
- 3D X-ray inspection including BGA void analysis
- Development of test concepts and test devices
- Various functional tests for all types of boards and devices
- Comprehensive documentation and full traceability

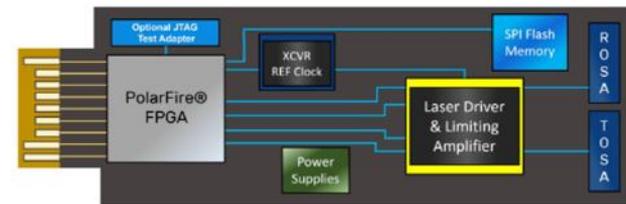
FALCON Stratix 10



FALCON-Nest



MERLIN PolarFire FPGA SFP+ Module

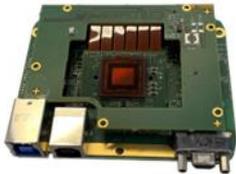




Financial Trading



Medical Imaging



High-end Microscopy



Semiconductor Assembly



Particle Physics



ASIC Prototyping

Data Acquisition Cards CERN



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