



COMPANY PROFILE



ELECTRONIC
MANUFACTURING
SERVICES

cms
electronics

FACT SHEET



Scan for
cms electronics
homepage

Position

- owner-managed
- electronics manufacturing services
- experts in automatization
- follow the customer approach
- customer focus driven

Key Facts / Strategic Goals

- 20+ years of experience
- 5 sites worldwide
- 395 employees
- Euro 95 million turnover in 2024
- Top 20 in DACH-Region



Customized Production



Turnkey



Markets



Automotive
& E-Mobility



Energy
Systems



MedTech
Life Science



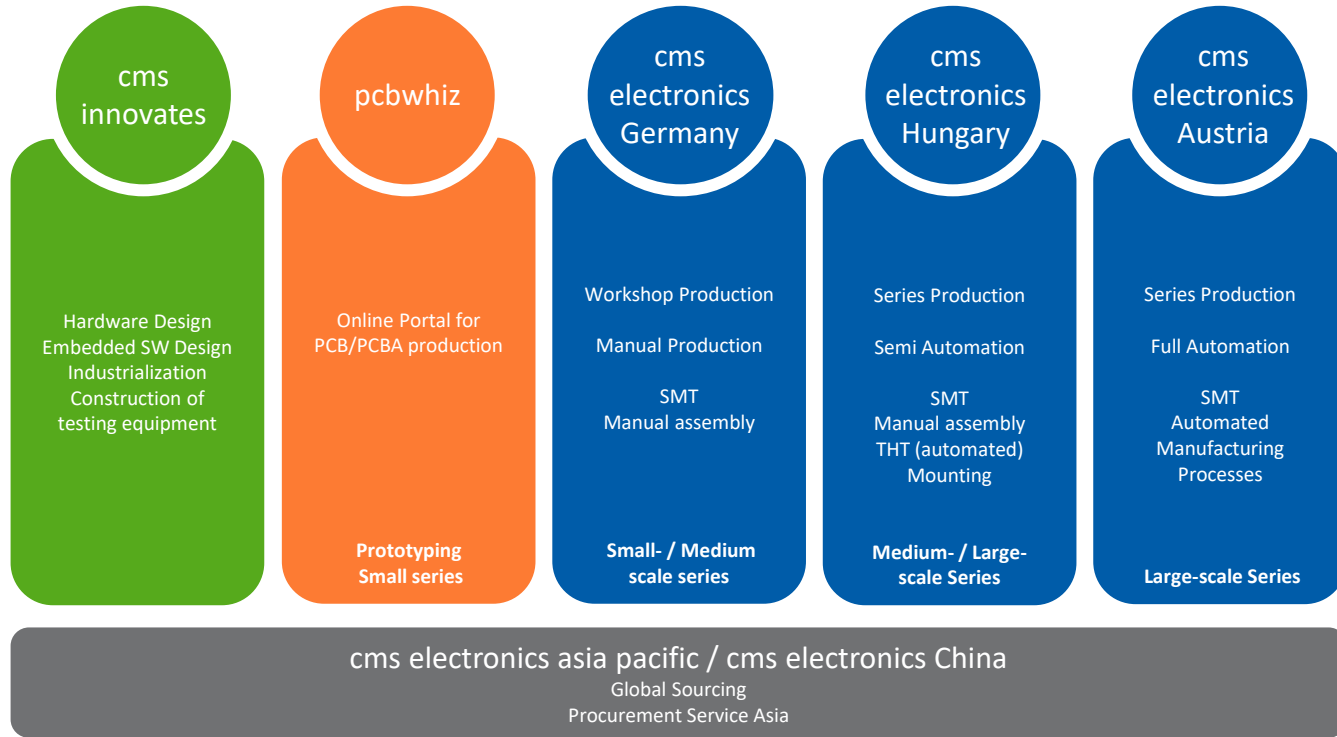
Industry
Systems



Smart
Home / IoT

WE MAKE LIFE EASIER, NOW AND IN FUTURE

cms electronics group



Locations

cms electronics germany

Production
2.100 m²
Freiburg / Germany



cms electronics austria

Headquarters & Production
8.100 m²
Klagenfurt / Austria



cms innovates electronics

Development
Klagenfurt/ Austria



cms electronics hungary

Production
3.000 m²
Fonyod / Hungary



cms electronics asia pacific

Procurement Services
Hong Kong / China



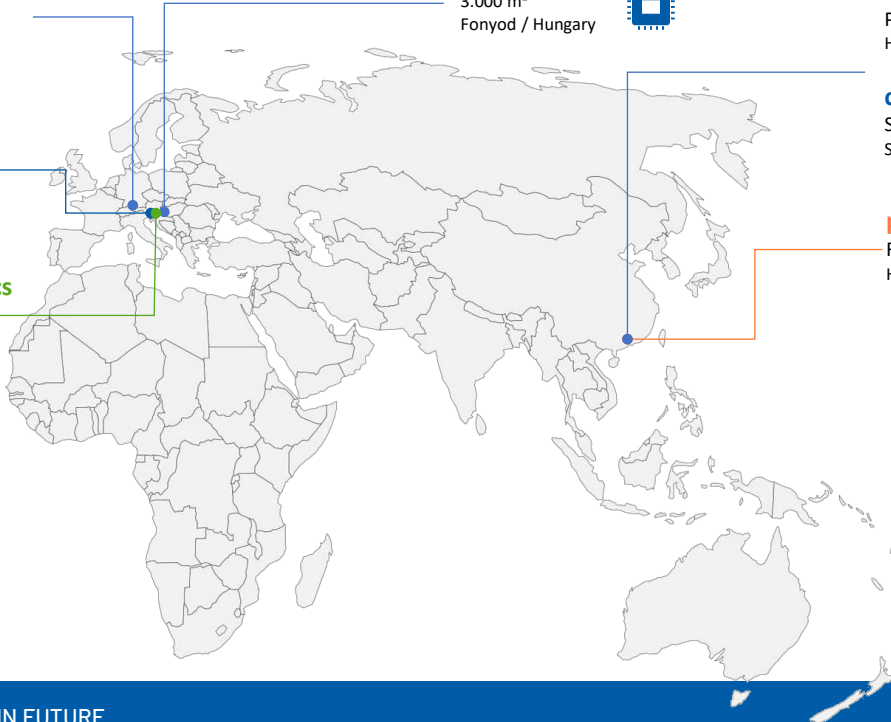
cms electronics china

Services
Shenzhen / China



pcbwhiz

Rapid Prototyping
Hong Kong / China



Our Service Offer for you

- Customer-oriented approach
- Competitive pricing strategies
- Extensive competence and experience in development services
- Many years of expertise in automated and manual production
- Box build services
- State-of-the-art manufacturing equipment and technologies
- Environmental compliance and sustainability
 - RoHS, REACH, compliance with environmental sustainability standards





Our Services

- Comprehensive development services (hardware and software)
 - Design for Manufacturing (DFM) and Design for Testability (DFT)
 - Optimisation of product designs for efficient manufacturing processes
- Advanced test concept development
 - Test fixture construction
 - Precision PCB testing (including robot-assisted systems)
- Efficient material management (purchasing and delivery)
 - Optimisation of the supply chain
 - Supplier management, inventory control and logistics
 - Obsolescence management
- Expertise in the production of large quantities
 - State-of-the-art automation solutions
- Manual and semi-automated production processes at optimised prices



Our Technical Service Range

- **SMT-assembly**

- 1 SMT-line with 3D-SPI and 2D-AOI with Odd-Shape-assembly
- 8 SMT-lines with 3D-SPI and AOI (4 x 3D-AOI/4 x 2D-AOI)
 - 1 line with vacuum reflow technology
 - 2 lines with high-precision assembly ($<50 \mu\text{m}/\text{cpk} >1,66$)
 - 5 lines with ODD-Shape-assembly
 - 3 lines with highspeed-dispenser (SMD-glue/solder paste/underfill)
- 3 SMT-production units
- Solder joint X-ray
- Inline 3D-AXI

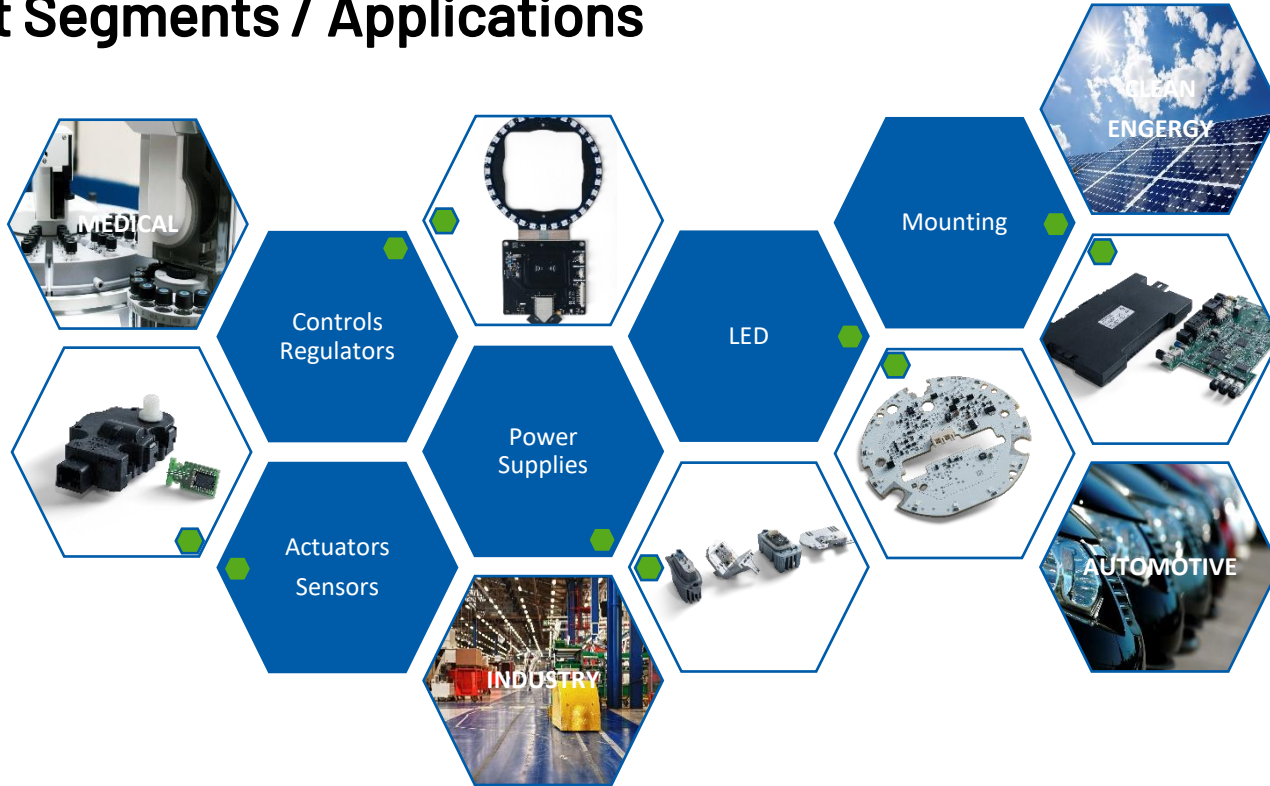
- **THT-assembly**

- 6 THT-lines
 - 4 lines with flexible manual THT-assembly, wave soldering and finishing
 - 1 line with fully automated THT-assembly, wave soldering and finishing
 - 1 line with flexible manual THT-assembly, selective soldering and finishing
- Inline-THT-AOI

- **Supporting processes**

- Laser marking
- Protective / Conformal coating (selective, automated) (2 lines)
- Press-fit pin insertion (Tyco and Autosplice pins)
- Solder paste printing and –inspection (3D), Reflow soldering (convection, nitrogen, vacuum)
- X-Ray offline
- Mounting (housing, cable management etc.)
- Dispensing, glueing (manual and automatic)
- Box building
- Automated depanelling (milling, punching, scoring)
- Opto-drilling (precision drilling/milling with $<50 \mu\text{m}/\text{cpk} >1,66$ tolerance)
- Robot based, automated EOL (ICT, FCT, high voltage test, screening, burn-in etc.)-solutions
 - FMP1-3 - fully automated EOL-tests for medium and large quantities with test times < 10 seconds
 - Ecofix/Ecoflex - fully automated EOL-tests for medium and large quantities with test times > 10 seconds
 - customized EOL-Tests (from manual adapter tests to rotary indexing tables and full automation)
- Climate and humidity chambers to cover common automotive environmental tests

Market Segments / Applications





WE CARE FOR THE PEOPLE AND THE BUSINESS

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