



Electronic Manufacturing Services Provider

First choice for high level assembly applications
SINCE 1987

A whole-scale Electronic Manufacturing Services (EMS) partner for leading OEMs, provides high-quality prototyping and full-range production services for all types of printed circuit boards and complex systems.



Who we are, what we do

Semicon Sp. z o.o. is a family-owned, innovative company operating in electronics, photonics, aerospace, defence and other high-tech industries.

Semicon has been operating on the electronics market for more than three decades. Our team consists of 120 professionals, working in four locations, with a total area of about 5000 square meters, offers you a number of services and a rich portfolio of products from globally renowned manufacturers.

We specialize in providing turnkey electronics solutions to clients in all business and industrial sectors. With an extensive range, including materials and components for electronics, services for electronics and testing products, we can turn your ideas and requirements into highly advanced electronics solutions that are custom-made to your specifications.

Our electronics manufacturing expertise means that we can offer guidance from the early planning stages, through to final manufacturing and packaging. Whether you need a single wire harness, or a more complex printed circuit board assembly (PCBA), our technical team will work closely with you on design concepts and advise on the technologies that will be most suitable for your products.

Furthermore, with strong global partnerships and technical experts in Poland, we can source competitively priced electronic manufacturing and PCB assembly solutions to fulfil any size of production requirements. This highly advanced service means that we are the leading choice for cost-effective, reliable and unique electronics manufacturing solutions.

over **35**
years of experience

120+
employees

4
localizations

4000 sqm
production area

100%
PCBA tested

100% employee
certified in IPC A-610

Member of

- Polish Space Industry Association
- Polish Technological Platform on Photonics
- Polish Chamber of Commerce for Electronics and Telecommunications
- Microelectronics, Electronics & Photonics Cluster



space.biz.pl



pptf.pl

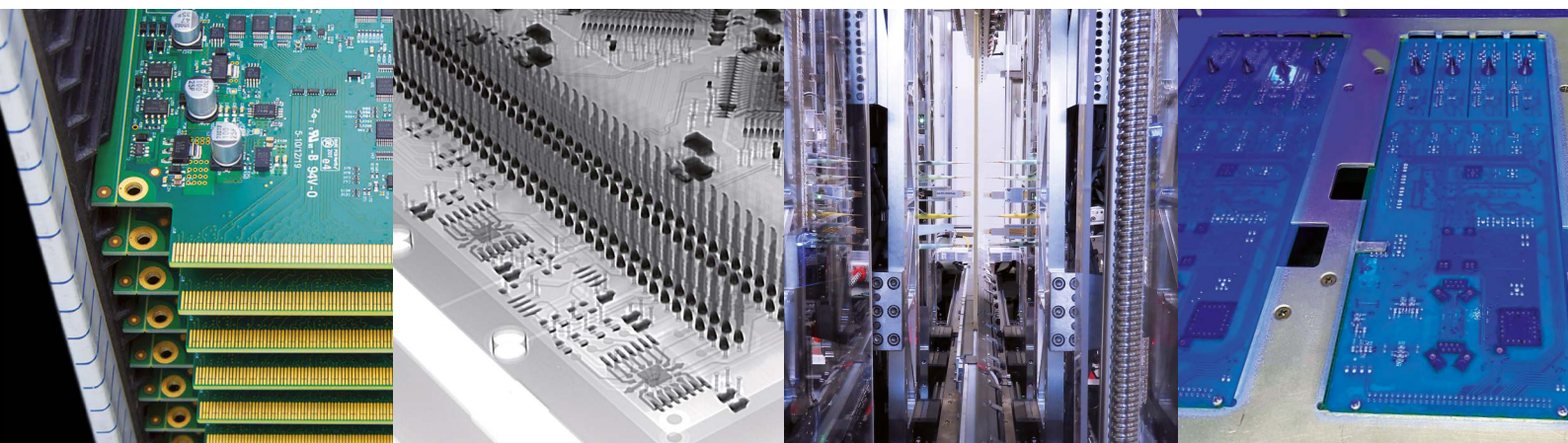
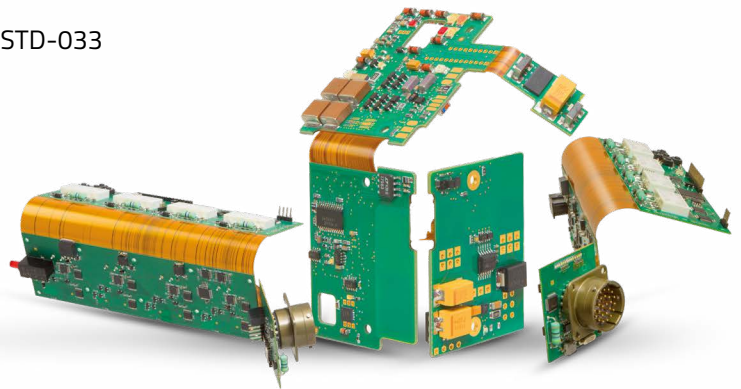


kigeit.org.pl



Electronic manufacturing services (EMS)

- End-To-End printed circuits board (PCB) assembly
- Bare PCBs and components sourcing
- PCBA conformal coating and potting
- X-Ray inspection and analysis
- Flying probe testing
- PCB cleaning acc. IPC and MIL standards
- Ionic contamination purity measurements
- Laser cut stainless stencils, frameless, step-up/step-down stencils
- Drying electronic components acc. to IPC/JEDEC J-STD-033
- Shortening, straightening and bending of component connections
- Material cost optimization
- PCBA repairing, reballing of BGA
- Wire bonding assembly
- Press-Fit connectors assembly
- Hot-Bar technologies (Flex PCB, LCD)
- PCB laser depanelization (Flex, Rigid-Flex, Semi-Flex, composites)
- Tape & Reel packaging
- Design and manufacturing of In-Circuit test fixtures (ICT) and functional testers (FCT)
- PCB design & engineering support
- Box build and harness production



„Innovations and open mind are the key to the company's success“

Jacek Tomaszewski
General Director & Founder



“

*We set the highest
quality standards
in our industry”*



Market Segments & Product Applications

- Oil and mine industry
- Medical
- R&D
- Defence
- Automotive
- Ergoelectronic
- Telecomm

Other Semicon business areas



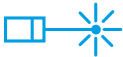
Distribution

- Electronic and electromechanical components
- Materials for electronics and other industrial branches
- Certified materials for aviation, defense
- Measuring accessories, test probes
- Tools for the electronics industry



Laser cutting of SMT stencils

- Stencils on aluminium frames, Vector Guard and self-tension systems
- Long stencils for LEDs, up to 1800 mm
- Micro stencils for reballing with thickness up to 600 µm
- Step stencils (variable thickness) – milling, micro welding
- Nano coating stencils
- Precise laser-cut mechanical components
- Ta, Mo, Ni, Invar, Inconel, precision cutting



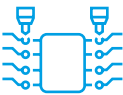
Optoelectronic equipment manufacturing

- Laser modules: line, cross, spot
- Laser measuring equipment



Tapes converting

- Rolls, tapes and velcros slitting, die-cut, kiss-cut, laminating



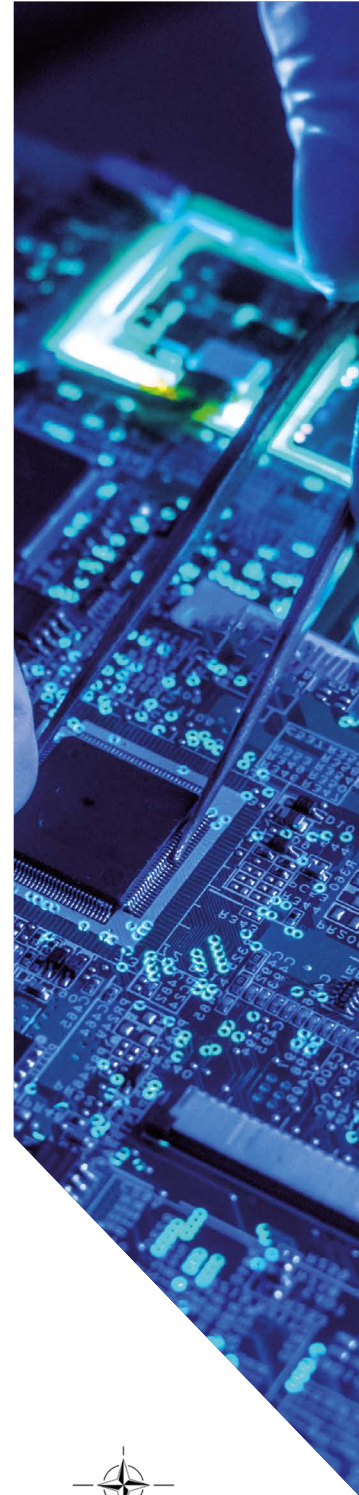
In-Circuit test fixtures (ICT) and functional testers (FCT)

- Designing and building adapters with testing probes
- Full systems preparation based on customer documentation



Wire harness production

- Short series
- Wires and cables processing from #36 to #10
- Customization & design
- Box build



Joint venture: PB Technik Sp. z o.o. www.pbtechnik.com.pl

Offers a wide range of devices and materials used in the electronics industry. Representative of the companies JUKI, ERSAs, EKRA, ASYS, VISCOM, ESSEGI, CAB, SEICA, BRADY, VISION ENGINEERING, FISHMAN, KOKI, ZESTRON, PVA, and others. Delivery, service, technological consultations.

Certificates

Semicon has implemented and maintain the Integrated Quality Management System, confirmed by the following certificates:



ISO 9001:2015

Quality Management System



AS 9120:2018

Quality Management System
Requirements for Aviation, Space
and Defence Distributors



ISO 13485:2016

Quality Assurance
of Medical Devices



ISO 14001:2015

Environmental
Management System



AQAP 2110:2016

Quality Assurance
of Defence Products



NCAGE: 2082H

NATO Commercial
and Government Entity Code



Contact us

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Laser modules design and production

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SMT Laser cut stencils manufacturing

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Tapes converting

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Main warehouse

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WARSAW

- Headquarters and R&D department
- Electronic Manufacturing Services
- SMT Laser cut stencils manufacturing
- Main warehouse

