

Semicon – Polish developer of laser modules and SMT subcontractor



WHO WE ARE:

Semicon is the supplier of electronic components and materials for the **electronic industry**. Currently Semicon represents and distributes about 40 well-known worldwide brands in the electronic business.

In addition to that Semicon is the subcontractor in SMT and THT assembly of PCB's in **lead free technology** (RoHS compliant) and has been cooperating with national research and development centres and technical universities in this field for many years. Semicon also operates at elaborating and producing **laser modules**,

laser line and **cross generator** and other **optoelectronic devices** such as laser linearity alignment systems. Semicon employs innovative soldering technologies and has a qualified staff. Semicon's experience and "know-how" give the company a unique opportunity for the development of full-custom optoelectronic modules that suit contemporary market requirements.

COLLABORATION INTERESTS:

Semicon is interested in projects under EU IST programmes involving participation in the elaboration of PCB assembly technology, subcontracting in SMT and THT assembly of PCBs, elaboration of various laser modules, cross and line laser generators for medical, military and industrial applications.

Potential role for Semicon: partner

AREAS FOR R&D COLLABORATION:

- modern technology of PCB assembling
- lead free technology
- laser module development
- laser line, cross modules development
- optoelectronic instruments development

MAIN ACHIEVEMENTS:

- PCB's lead free manufacturing technology
- Development of laser linearity alignment measurement system
- ISO 9001:2000 quality based system

REFERENCE PROJECTS:

Semicon has participated in 2 EU funded projects:

GreenRose (FP6)

The main technological objective of this project was to provide European SMEs of the electronics sector the knowledge & tools to produce electronic equipment free of hazardous substances (in particular lead-free soldered and halogen free) with guaranteed quality and reliability. Semicon was the project partner. <http://www.green-rose.info/servlet/is/116/>

Diamond (FP6)

The main aim of the project was the development of an innovative, accurate, and monolithic CVD Diamond Array based radiation dosimeter system needed for cancer treatment by radiotherapy techniques such as IMRT. The CVD Diamond Array based radiation dosimeter delivers the performance levels required by the IMRT that conventional techniques are not able to deliver. Semicon acted as the participant organisation of the project. http://cordis.europa.eu/fetch?CALLER=FP6_PROJ&ACTION=D&RCN=75612&DOC=14&CAT=PROJ&QUERY=1154336903100

OTHER INFORMATION:

Name of the company: SEMICON Sp. z o.o.

Legal structure of the company: SME

Country: Poland

Number of employees: 35

Working languages: English, German, Russian

Contact person: Jacek Tomaszewski

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WHAT
MAKES US
A GOOD
PARTNER

- **Qualified workforce**, our researchers and technologists have **MSC or PhD degrees**
- **Wide experience in electronic manufacturing technology**
- **Close co-operation with universities and industrial institutes**
- **Previous successful participation in EU projects**
- **Great insight into Polish industrial and electronic market**

For further information please
look at <http://www.semicon.com.pl>

This profile has been developed under IST-BONUS project (www.ist-bonus.net)

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