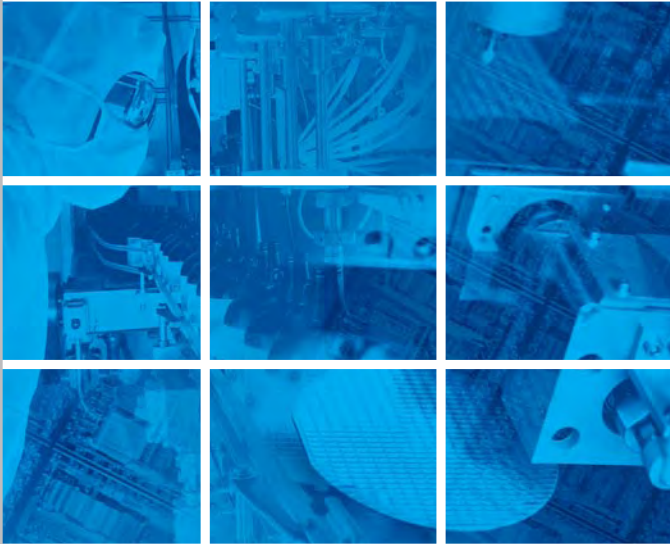


European Microelectronic Fab Database and Report 2012



European Database and Market Report of Microelectronic and Microsystem Manufacturing Facilities and Major R&D Organizations

The objectives of the Database and Report are:

- To understand, based on facts, the complex and diverse collection of semiconductor equipment and material suppliers' customers.
- To create a tool for the equipment and material suppliers and all businesses related to microelectronics production field to assess business opportunities in the European market.
- To enable suppliers of microelectronic and microsystem industry to detect new opportunities in the European Semiconductor market.

Product Description

This comprehensive Database and Report detail fab locations, products, technologies, manufacturing facilities, and financial information. The covered geographical area is 50 countries, including the European Union, Eastern European countries, Turkey, Morocco, Israel and Russia.

The Database includes:

- ICs (Memory, Logic, Analog and mixed signal, ASICs, other IC devices)
- MEMS and Sensors (ink jet head; sensors: pressure, inertial, IR image, specific chemicals and gasses; optical MEMS; RF MEMS; microphones; digital compass; oscillator; other MEMS devices)
- RF (GaAs, SiC, GaN, InP based devices)
- Power Devices and CPV
- Printed Electronics
- Packaging (discrete packaging, zero and first-level packaging, wafer level packaging, other packaging techniques such as 3D)
- Major R&D Organizations

The Report includes:

- Executive Summary
- Statistical analysis of the breakdown of corporate and manufacturing sites by size, geography, technology, and products
- Trends analysis for products and manufacturing
- Summary of key points that includes key concerns and initiatives related to the development, purchase and use of equipment and materials



Content

Europe accounts for more than 320 production and research fabs active in one or more of the investigated technology fields. In this Report details are given about the specific facilities:

- ICs
- MEMS
- Power Devices and CPV
- Printed Electronics
- RF
- Packaging
- Major R&D Organizations

*The Database Includes Details on the Manufacturing Sites**

- Name of the company, including Website address
- Size (number of employees, sales figures for 2010)
- General activities (applications, devices and markets)
- Addresses of the different manufacturing sites in Europe
- For each Manufacturing Site:
 - Technologies implemented
 - Capacity (wafer starts per month)
 - Capacity forecast
 - Size and class of the clean room

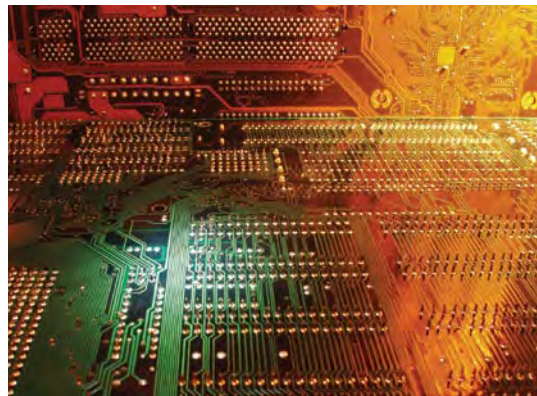
Methodology

The Report was developed through more than 120 direct interviews with companies and through in-depth questionnaires.

Deliverables

- Report: *European Microelectronic Fab Database and Report*
- Format: The Report is delivered in an Adobe Acrobat® format, and a Database delivered in Microsoft® Excel®
- Publication Date: October 31, 2011
- Author: Yole Développement and SEMI

* Data is provided by the companies through interviews and questionnaires. Neither SEMI nor Yole Développement are claiming the data to be complete and correct. However, it is an accurate recording of obtained information.



COMPANIES DESCRIBED IN THE DATABASE

ABB Semiconductor	Dynex Semiconductor	Globalfoundries	Lionix
Acree AB	e2v Technologies	HL-Planartechnik	LITEF
Altis/GIS Semiconductor	ELMOS	IBM Microelectronics	MHS Electronics
Analog Devices	EM Microelectronic Marin	IMEC	Micran
Austria Microsystems	EPCOS	Infineon Technologies	Microfab Bremen
Autopribor	Estel	Intel	Micron Technology
Avago Technologies	First Sensor Technology	International Rectifier	Micronas
Boehringer Ingelheim microParts	FLIR Systems	IPDIA	Nemotek Technologies
Robert Bosch	Freescale Semiconductor	Leister Process Technologies	Norstel
Colibrys	GE Measurement & Control Solutions	LETI	Nortel Technology



Get Up-to-date Key Information on European Players in Microelectronics and Microtechnology

Why Buy this Database and Report

- Access to a fully detailed list of European fabs including Integrated Circuit, MEMS, Power Devices, CPV, Printed Electronics, Packaging and major R&D organizations.
- The Database is an helpful tool to classify, extract and choose company name and related information.
- The Report will help you to get a better understanding of the European fab market and trends: global sales, products and technology breakdown, future fab opening, trends in equipment and materials investment.

Who Should Buy this Database and Report

- The Database and Report is a valuable tool for equipment and material suppliers to prepare marketing reports, forecast opening and expansion of fabs, and to contact European production fabs.
- The Database and Report are also useful for devices manufacturers to look at production and foundry partners or packaging services companies.

About SEMI

SEMI is the global industry association serving the manufacturing supply chains for the microelectronic, display and photovoltaic industries. SEMI member companies are the engine of the future, enabling smarter, faster and more economical products that improve our lives. Since 1970, SEMI has been committed to helping members grow more profitably, create new markets and meet common industry challenges. SEMI maintains offices in Beijing, Bengaluru, Berlin, Brussels, Grenoble, Hsinchu, Moscow, San Jose, Seoul, Shanghai, Singapore, Tokyo, and Washington, D.C. For more information, visit www.semi.org.

About Yole Développement

Beginning in 1998 with Yole Développement, we have grown to become a group of companies providing market research, technology analysis, strategy consulting, media in addition to finance services. With a solid focus on emerging applications using silicon and/or micro manufacturing Yole Développement group has expanded to include more than 40 associates worldwide covering MEMS, Microfluidics & Medical, Advanced Packaging, Compound Semiconductors, Power Electronics, LED, and Photovoltaic. The group supports companies, investors and R&D organizations worldwide to help them understand markets and follow technology trends to develop their business. For more information visit www.yole.fr



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