



**FUTURE HORIZONS  
Presents**

## **The European Fabless Semiconductor Report**

**Annual Analysis Of The European Fabless,  
Chipless & High-Level IC Design House Industry**



### **Topics Include:**

- **European IC Design House Phenomenon**
- **IC Design House Industry Drivers**
- **IP Market Development**
- **IC Design House Market Segmentation**
- **IP Portfolios & Design Skills Analysed**
- **All Design Companies Profiled, One Per Page**

***Optional IC Design House Database Disk***

Over 500 Pages  
Over 350 Companies Profiled  
More Than 60 Tables & Figures

## The European Fabless Semiconductor Report

### Report Outline:

The European Fabless Semiconductor Report is the most comprehensive analysis of the independent European and Israeli IC Design House Industry, and its importance in the European Electronics System and Semiconductor Markets, ever published.

It highlights the considerable number of independent companies that supply the key intellectual property, which allow system companies to achieve early market entry and leading-edge product performance. The strength of IC design expertise in Europe and Israel is one of the semiconductor industry's best-kept secrets, and partially balances the influence of the trend towards foreign ownership of European wafer manufacturing.

The era of the system-on-chip is upon us. Can system and semiconductor companies have both the knowledge and resources to achieve the mammoth task of managing and designing these complex chips without calling in outside expertise?

*This report is essential for planning or subcontracting new product design, both in the semiconductor industry and final system end products. It lists companies in order of skill resources. It will therefore prove invaluable for authorities and government departments planning and directing economic growth, as well as IC design, software, foundry, test, and electronics companies working in Europe.*

### Typical Profile Format:

**Example**

#### ARM Ltd

**Address:** 110 Fulbourn Road  
Cherry Hinton  
Cambridgeshire CB1 9NJ  
England  
**Phone:** +44 (0) 1223 400400 • **Fax:** +44 (0) 1223 400410  
**Web Site:** www.arm.com  
**Year Founded:** 1991  
**Number Of Engineering Employees:** 1,300  
**Company Classification:** Chipless  
**Intellectual Property & Design Skills:** CPU Software

#### Company Profile/Strategy:

ARM licenses its 32-bit RISC microprocessor core IP to its semiconductor partners either direct or through its foundry programme. Its licensed partners are currently shipping around 3 billion units of product containing an ARM processor per year.

ARM processors were mainly designed into applications such as mobile phones, but ARM has now broadened its customer base to derive more of its royalties from non-wireless markets, which include TV set-top boxes, disk drives, and networks.

ARM has acquired a number of small IC design houses over the years and during 2004 acquired Artisan Components to form its Physical IP division.

**This Report provides analysis and commentary on the following key topics:**

### The European Design Centre Phenomenon

Analyses the history of the European independent IC design industry, its growth drivers, and importance of the intellectual property vendors in areas such as DSP cores and microprocessors

### European IC Design Houses

Analyses the European design house structure, its development from the 1970s to today. European design centre skills are highlighted

## About FUTURE HORIZONS

Established in 1989, **Future Horizons** is the leading global semiconductor industry analyst. It is also rated the world's top consultant on the Russian and East European electronics industry. Its activities include market research reports, consulting assignments, industry forums and seminars, IC and system design evaluation and industry training seminars.

**Malcolm Penn**, founder and CEO, has over 45 years experience in the industry and has worked extensively throughout Europe as well as in the United States, the former USSR, Japan and Korea. He was previously Director of Operations at Dataquest Europe, and held a variety of positions within the ITT Semiconductors group and ITT Europe. A member of the **European Commission** sponsored **Cornu Panel** of senior industry executives, responsible for publishing the "Report of the European Microelectronics Panel", Future Horizons' experience starts with the first commercial IC. In addition its Moscow-based, wholly owned subsidiary, East-West Electronics, offers direct access to the former USSR electronics industry and markets.

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### 7 Company Profiles

- All Companies Profiled ...
- **Also Sold As Excel Disk To Those Purchasing Report**

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