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ELECTRONICS MANUFACTURING IN CHINA

FOURTH EDITION

**A Comprehensive Study
on the Trends, Issues, and Leading Companies
in Electronics Manufacturing in China**

Report Highlights

- **Industry Structure**
 - ◆ **Economics and Demographics**
 - ◆ **Industry Segment Analysis**
 - ◆ **Performance Benchmarks**
- **Forecast**
 - ◆ **Industry Segments**
 - ◆ **Domestic vs. Export**
- **Company Profiles**
 - ◆ **Financial Data**
 - ◆ **Facilities**
 - ◆ **Manufacturing Focus**



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ELECTRONICS MANUFACTURING IN CHINA

Synopsis

Electronics manufacturing in China experienced another year of record growth in 2004, exceeding even optimistic expectations. Part of this growth is certainly a trend—a bandwagon effect to keep pace with worldwide competitors who now manufacture in China today or have CM/ODM partners there. But the primary trend is about lowering product cost by leveraging the outsourcing model, and gaining access to the enormous and undeveloped local Chinese market.

What is the future of electronics manufacturing in China? *Electronic Trend Publications* has followed the worldwide electronics manufacturing industry for over a decade and is pleased to present, **Electronics Manufacturing in China, Fourth Edition**—a comprehensive research report focusing on this key country. By our estimates, the cost of goods sold for electronics products manufactured in China was about \$174 billion in 2004. This market will grow to \$385 billion in 2009 (see Figure 1).

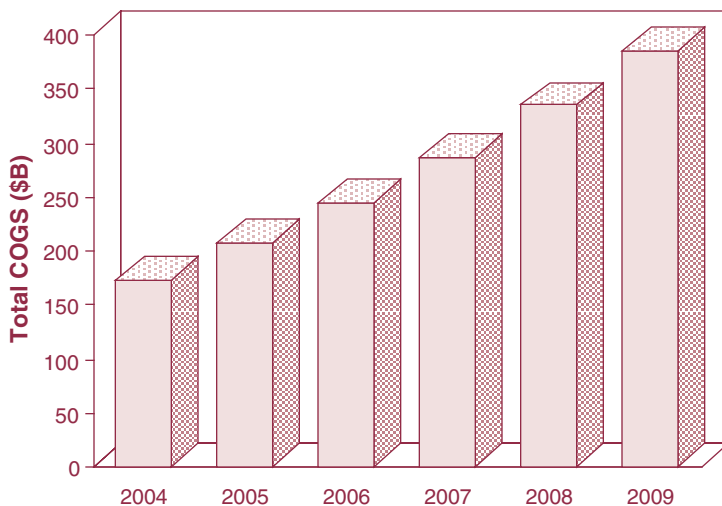


Figure 1 Electronics Manufacturing in China (Cost of Goods Sold)

The term electronics manufacturer will refer simultaneously to original equipment manufacturers (OEMs), as well as electronics manufacturing service (EMS) providers—contract

manufacturers (CMs) and original design manufacturers (ODMs). Chinese manufacturers do not necessarily make any careful distinction between these types of electronics manufacturing. In many situations, they start by manufacturing products for other companies, and then use this experience to create imitation products of their own, which they make and sell domestically.

The report begins with a look at China's basic economics and demographics, and gives special consideration to analyzing corporate structure and ownership in China. Next, the three major electronics industry segments (computer, communications, and consumer) are discussed in depth, along with shorter reviews of smaller, less developed segments such as automotive, industrial, medical, and defense. Leading electronics companies in the major market segments are identified, along with an analysis of production by domestic consumption versus export. Following this discussion, several key production benchmarks of electronics companies in China are presented.

The report then presents an analysis of the rate of growth of domestic consumption and exports from 2005 to 2009. This section presents cost of goods sold data by industry segment, as well as by export versus domestic use.

The report concludes with condensed profiles of selected electronics manufacturers in China. These profiles were based on direct interviews with the companies and focus on each company's manufacturing capabilities, products made, and financial data. The intent of these profiles is not to serve as a directory of electronics manufacturers in China, but rather as an indicator of current industry focus.

Electronics Manufacturing in China will provide you with all the critical information you need to assess this large and emerging market. The report sells for \$2995, with extra copies \$350. (Each copy includes both a hardbound version and a single-user PDF on CD-ROM. Corporate licensing is available—contact us for pricing.) Order your copies today!

About the Author

Randall Sherman, president of New Venture Research Corp. a California market research and business consulting firm focused on the EMS and OEM electronics manufacturing industries, continues to serve as principal analyst for this report. Mr. Sherman has more than 20 years' experience in technology and business research. He began his career as a telecom network design engineer. He has held senior positions at various market research firms including Creative Strategies and Frost and Sullivan. Mr. Sherman holds an MSEE from the University of Colorado and an MBA from Edinburgh School of Business.

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3CEMS Group	Kelon
Accton Technology	Konka
Alcatel China	Langchao
Alcatel Shanghai Bell	Lenovo
Alco Electronics	Lucent China
Amoi Mobile	Matsushita–Panasonic
Arima Computer	Micro-Star International
AsusTek Computer	Midea
Aucma Group	MiTAC International
Beijing Orient Electronics	Motorola China
Beijing Wandong Medical	Nam Tai Electronics
BenQ	NEC
Cal-Comp Electronics	Ningbo Bird
Canon China	Nokia China
Capitel Telecom	Nortel Networks China
CEMS	Panda Electronics
Changbai Computer	PEMSTAR
China Electronics	Qingdao Haier
China Great Wall	Quanta Computer
China IBM	Samsung Electronics
China Putian	Sanmina-SCI
Cisco Systems	Seagate Technology
Compal Electronics	Shanghai Founder
CTS	Shanghai General
Dalian Daxian	Electronics
Datang Telecom	Shanghai Jinling
Dell	Shanghai Shangling
D-Link	Shenzhen SEG
Dongfeng Auto	Shenzhen Huaqiang
Eastcom	Shenzhen Kaifa
Elcoteq Network	Shenzhen SED
Elite Industrial	Shinco Electronic
Ericsson China	Sichuan Changhong
FiberHome	Electric
Telecommunications	Siemens China
First International	Skyworth
Computer	Solectron
Flash Electronics	Sony China
Flextronics	Sony Ericsson China
Foxconn-Hon Hai	Start Computer
Fujitsu China	SMT
Galanz	Suzhou Peacock
GigaByte Technology	Electronic
Gree	TCL Holdings
Guangzhou Soutec	Tianjin Tiancai
Hisense	Tianjin Zhonghuan
Hitachi	Computer
Huawei Technologies	Tsinghua Tongfang
Huizhou Desay	UTStarcom
Inventec	VTech
IRICO	Wistron
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