

## Electronics Industry in India Not Isolated from Global Economic Crisis

By Jagdish Rebello, PhD., Director & Principal Analyst

### Forecast

#### Frequency, Time Period

- 3 year historical data
- 5-year annual forecasts for different classes of consumer electronics in India

#### Measures

- Revenues, Units where applicable, ASPs

#### Regions, Markets

- India

### Applications/Products Covered

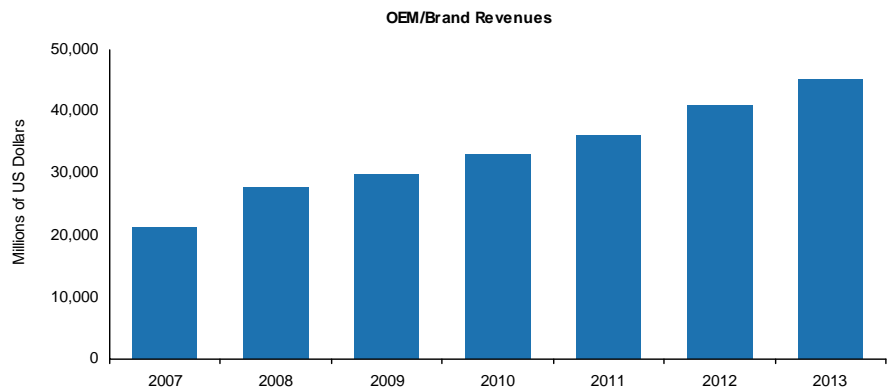
- Data Processing
- Wired Communication
- Mobile Communication
- Consumer Electronics
- Automotive Electronics
- Industrial Electronics

As the global economic crisis deepens, countries like India are not immune to the downturn. iSuppli expects a slowdown in the country's demand for consumer and communication electronics. This will impact the electronics manufacturing and design industry in India, which depends heavily on domestic demand.

India's wireless subscriber base growth will continue at a strong pace and this will drive demand for wireless handsets and the domestic electronics industry for the period 2009-12. The India consumer electronics industry, which has experienced robust growth over the past two years, will see a slowdown in growth. And the increasing emphasis on safety features and luxury in Indian cars is expected to increase the demand for automotive electronics in these segments.

The rapidly growing demand in India has attracted many new players to the country. Existing players are also reviewing their strategies to tap new market bases in semi-urban and rural areas of the country while several companies are also targeting India for expansion in their design capabilities.

The quarterly market tracker provides a comprehensive view of the India demand and manufacturing capacity for different application segments including wireless communications, consumer electronics, wireline communications, data processing, automotive electronics and industrial/medical electronics. The resultant demand for semiconductors by application segment and significant product categories is also forecasted.



### Critical Questions Answered

- What is the India demand for various application segments in wireless communications, consumer electronics, wireline communications, data processing, automotive electronics and industrial/medical electronics? How much of this demand will be met by domestic manufacturing?
- What is the opportunity from EMS vendors seeking to satisfy the India demand?
- What are some of the regulatory changes in India that will affect the country's electronics industry?
- Who are some of the key OEMs in India in the different application markets?

### Who Should Read This?

- Electronics Manufacturers
  - Purchasing
  - Production Planning
  - Strategic Marketing
  - Product Management
- Country, Technology or Semiconductor Analysis
  - Financial Community

**Lead Analyst****Jagdish Rebello, Ph.D.,  
Director & Principal Analyst**

Jagdish is responsible for research and competitive analysis of various optical and opto-electronic components, wireless infrastructure and applications in optical networking communications. He also provides insights into emerging optical and wireless technologies such as Passive Optical Networks and WiMAX, while assessing their market impact.

Jagdish Rebello also directs the iSuppli India research initiative and analyzes the rapidly growing demand for consumer, automotive and wireless electronics in India as well as the emerging supply of electronic design and integration capabilities in India.

Prior to iSuppli, Jagdish worked with ADC Tele-communications as a Product Manager for several photonic components, directing the strategic and tactical marketing of MEMS switches, FBGs, optical couplers and WDMs - all specific to the telecommunications market.

Jagdish also successfully managed the optical spectroscopic detector line for Jobin Yvon, Inc. Jagdish has a PhD and MS in mechanical engineering from Ohio State University, an MBA in finance and marketing from Rutgers University, and a BS in mechanical engineering from the University of Bombay.

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Wired Communications - Optical WAN  
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Wired Communications - Analog Modem  
Wired Communications - Enterprise Voice Networks  
Wired Communications - CO PSTN Switches  
Wired Communications Broadcast and Studio  
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Mobile Communications - Mobile Handsets  
Mobile Communications - Mobile Communication Infrastructure  
Consumer Electronics  
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Consumer Electronics - Home Audio System Components  
Consumer Electronics - TV  
Consumer Electronics - DVD Video Players  
Consumer Electronics - Set Top Box  
Consumer Electronics - Game Consoles  
Consumer Electronics - Consumer Appliances  
Consumer Electronics - Other Audio  
Consumer Electronics - Other Video  
Consumer Electronics - Other Personal Electronics

**Sample Database (continued)**

Automotive Electronics  
Automotive Electronics Entertainment  
Automotive Electronics Cockpit  
Automotive Electronics Power Train  
Automotive Electronics Safety and Control

Automotive Electronics Telematics  
Automotive Electronics Comfort and Convenience

Automotive Electronics Body Electronics  
Automotive Electronics Sensors  
Automotive Electronics Others  
Industrial Electronics  
Industrial Electronics Manufacturing Automation  
Industrial Electronics Medical Electronics  
Industrial Electronics Semiconductor Manufacturing  
Industrial Electronics Test and Measurement Instruments  
Industrial Electronics Security Systems  
Industrial Electronics Other Industrial  
Industrial Electronics Military and Civil Aerospace