

## India Research Topical Report

## Electronics Manufacturing in India - Resurgent After Battling Recession

By Jagdish Rebello, PhD., Director &amp; Principal Analyst

**Forecast****Frequency, Time Period**

- 2-year historical data and 4-year annual forecasts for demand and production of electronics equipment in India

**Measures**

- Revenue

**Regions, Markets**

- India

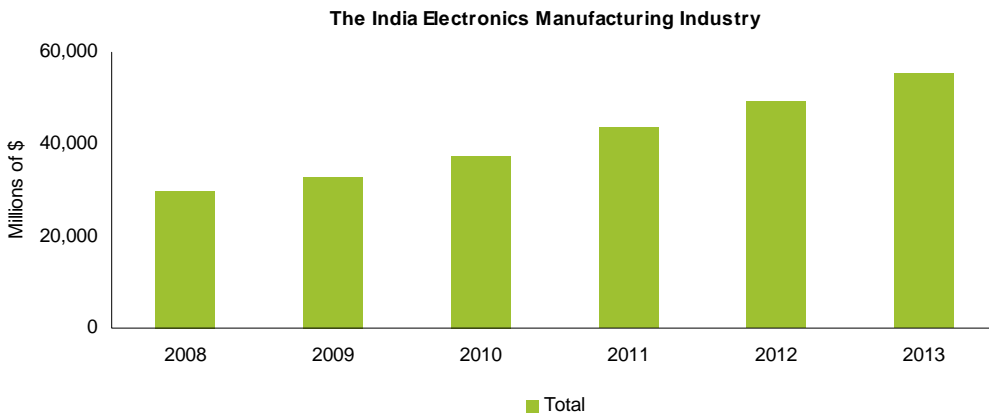
**Applications/Products Covered**

- Electronics manufacturing in India for the following application markets:
  - Wired Communications
  - Wireless Communications
  - Automotive Electronics
  - Consumer Electronics
  - Data Processing
  - Industrial and Medical Systems

While India is not a major hub in the global electronics manufacturing industry, the country's emergence as a burgeoning domestic market has become a major factor in attracting various players to establish manufacturing facilities in the country. This is enabling global companies such as LG, Samsung, Nissan, Nokia and Ford as well as to EMS and ODM providers such as Flextronics and Jabil Circuits to access and serve the India market with local production.

The Indian electronics manufacturing industry is dominated by assembly operations. With no semiconductor manufacturing, no customs duty on components and comparatively higher excise duties, most players in India are following the model of assembling imported electronic and indigenous mechanical components to produce electronic equipment.

This report looks at the dynamics of and the key players in the India electronics manufacturing industry, the government incentives intended to further stimulate the industry and the challenges associated with manufacturing in India.

**Critical Questions Answered**

- What is the forecast for the India electronics manufacturing industry? What are the key factors driving this growth?
- Who are the key players in India's electronics manufacturing industry?
- Which states in India are attractive locations for OEMs to look at when considering establishing manufacturing in India?
- What are some of the incentives that various state governments are offering to attract domestic manufacturing?
- What are some of the challenges to players looking to establish electronics manufacturing facilities in India?

**Who Should Read This?**

- Electronics Systems OEMs targeting the India market
  - Procurement
  - Marketing
- Semiconductor Suppliers
  - Marketing
  - Product Managers

### 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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Bosch India

Pricol

Samsung India

LG India

Videocon Industries

MIRC Electronics

Panasonic

Hewlett-Packard (HP) India

HCL Infosystems

Lenovo India

Bartronics India

Nokia

Ericsson India

Bharat Electronics

Opto Circuits

D-Link

Tejas Networks

MRO-TEK

Continental Devices India

Tyco Electronics

Perlos

ASPOCOMP

Players Importing Electronic Components in India

Solectron EMS India

Elcotec

Flextronics Technologies India

PG Group

Hical Magnetics

IT/Electronics Hardware Tariffs, 2009-2010