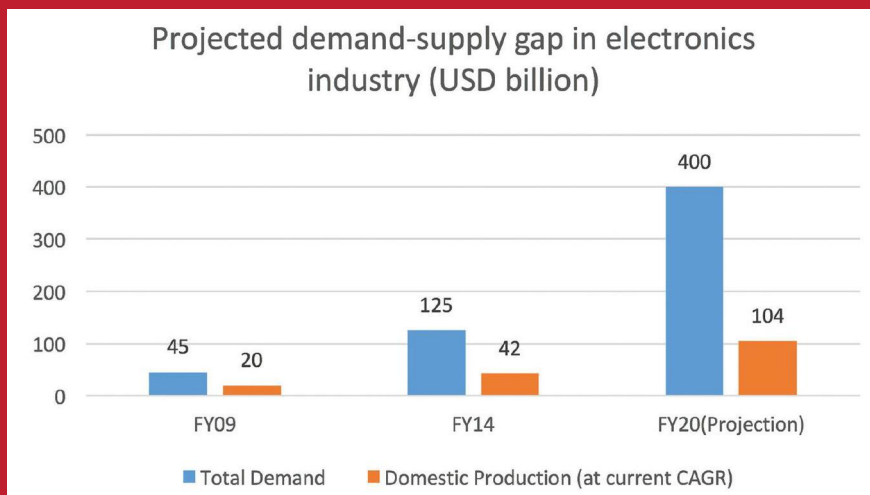




Maharashtra: Electronic System Design & Manufacturing (ESDM) Sector

1. INDIA

- A. Total FDI equity Inflows in Computer Software & Hardware sector grew by 409% from 2,3 billion to 5,9 billion and in Electronics Sector by 79% from USD 97 million to USD 208 million in April 2014-March 2016 compared to April 2012-March 2014.
- B. During Apr-Dec 2016, Computer Software & Hardware sector witnessed USD 1,8 billion equity inflow.
- C. As the demand for high-end products rises in the domestic market, the Indian ESDM sector is projected to grow at a CAGR of 24% from USD 70 billion in 2014 to USD 400 billion by 2020.
- D. India has become the hub for semi conductor design with nearly 2000 chips being designed per year and more than 20, 000 engineers working in various aspects of chip design and verification. This will facilitate the semiconductor wafer FAB companies to setup their base in India.
- E. With a target of 'Net Zero Imports' by 2020, the Government has embarked on several initiatives to promote manufacturing in the country.
- F. 100% FDI under automatic route is permitted in the manufacturing of electronic items.
- G. Electronics imports, third highest, next only to crude and gold.
- H. 65% of Country's requirement is satisfied by imports.
- I. 35% of products manufactured by India belongs to low value added manufacturing.
- J. Country's imports are expected to rise from 50% to 75%.
- K. Expected electronics market in India by 2020 in major segment:
 - Telecom Equipment: USD 34 bn
 - Laptops, Desktops, Tablets: USD 34 bn
 - LED: USD 35 bn
 - Consumer Electronics: USD 29 bn
 - Set Top Boxes: USD 10 bn
 - Automotive Electronics: USD 10 bn
 - Medical Electronics: USD 8,5 bn



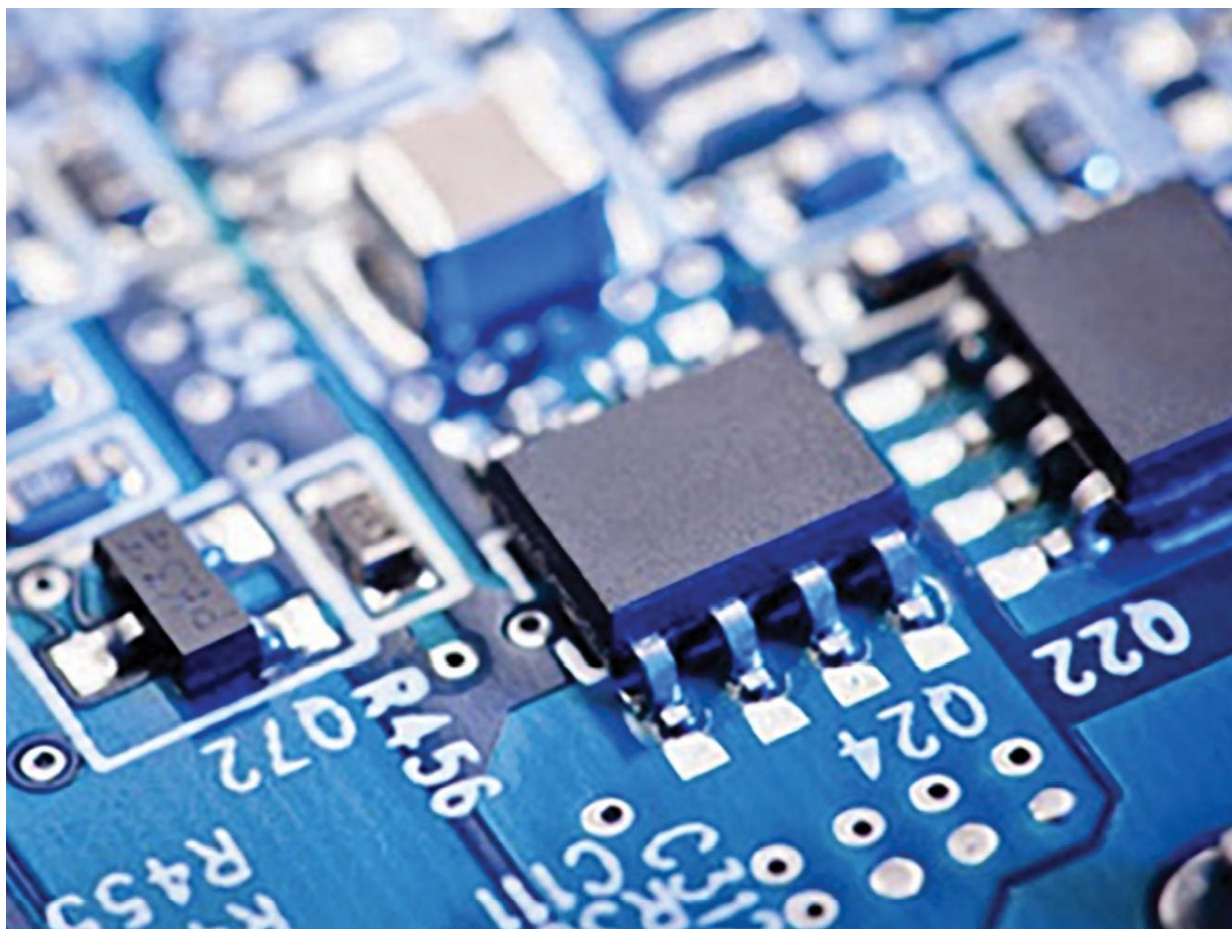


Government of Maharashtra

Maharashtra: Electronic System Design & Manufacturing (ESDM) Sector

2. MAHARASHTRA

- A. Maharashtra has identified ESDM as a sector of focus and decided to set up 3 brownfield EMC's at Pune, Aurangabad and Navi Mumbai with common facilities for production, R&D, test and measurement, prototyping, calibration and funding support.
- B. Maharashtra occupied a significant share of 30.49 per cent of the industrial output of India's Machinery, Computer, Electronics, Optical Products and Equipment manufacturing sector in 2012-13
- C. Targeted expansion of ESDM sector to cross USD 2 billion, through 2020 in Maharashtra
- D. Create additional employment for one lakh people by 2020 in Maharashtra

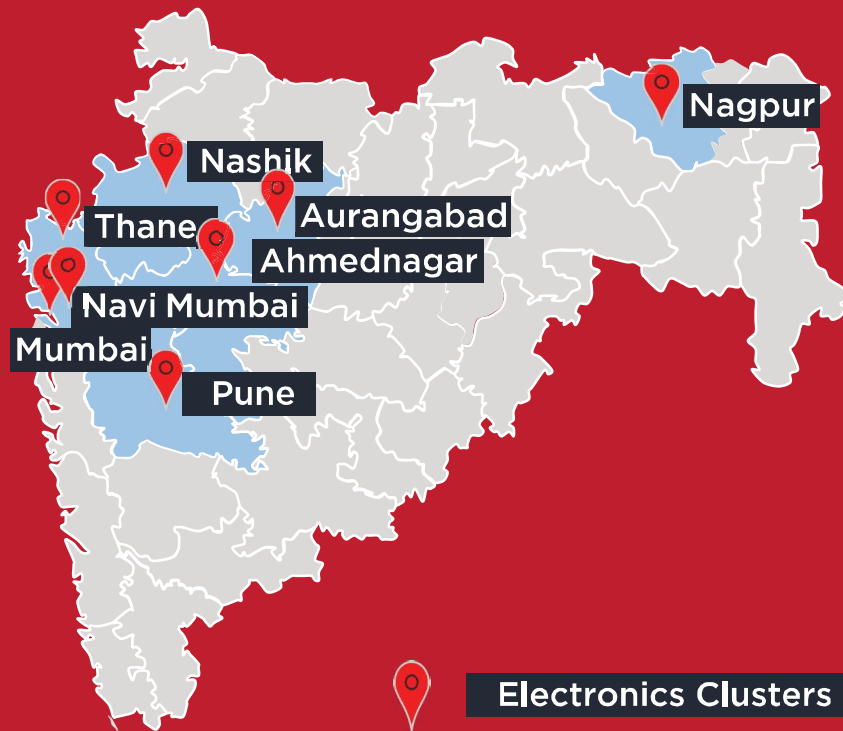




Government of Maharashtra

Maharashtra: ESDM Sector Ecosystem

ESDM Hubs in Maharashtra



3. MAJOR ESDM HUBS

- A. Eight electronic manufacturing clusters have been notified in the State by the Government of India.
- B. Within Pune, **Talegoan** and **Khed** are two well established ESDM Hubs. Excellent connectivity of these locations to the two of India's largest ports – JNPT and MBPT, Connectivity, industrial infrastructure, strong presence of education institutes makes these places attractive destination for ESDM sector.
- C. Key growth drivers of ESDM sector in Maharashtra are: Dedicated clusters, policy support, strategic location, strong domestic market, educational infrastructure, skilled labour and supplier/ vendor base.



Government of Maharashtra

Maharashtra: Key Players in ESDM Sector



BOSCH



Kirloskar



VOLTAS

JABIL





Government of Maharashtra

Maharashtra: Key Players in ESDM Sector

