

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2298
TO BE ANSWERED ON: 07.08.2026

SEMICONDUCTOR MANUFACTURING PROJECTS

2298. SHRI DEBASHISH SAMANTARAY:

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) the status of semiconductor manufacturing projects approved in the country;
- (b) the investment received so far; and
- (c) the employment likely to be generated through semiconductor manufacturing projects?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION
TECHNOLOGY
(SHRI JITIN PRASADA)

(a) to (c): The semiconductor industry is a foundational industry. All sectors of the economy such as industrial, consumer, defence, telecommunication and automotive etc depend on semiconductors. This sector offers transformative capabilities by driving technological innovation, economic growth and strategic self-reliance.

Semicon India Programme:

Recognising the importance of semiconductors, the Government launched Semicon India Programme in January 2022 for setting up of semiconductor fabs, display fabs semiconductor packaging and also for promotion of Indian designed chips. The details of the incentives/support offered under the programme are available at www.ism.gov.in.

Under the Semicon India Programme, the Government has approved 12 manufacturing projects spanning across 6 states namely Andhra Pradesh, Assam, Gujarat, Punjab, Odisha and Uttar Pradesh. Out of these 12 projects, commercial production has already commenced from three plants.

Semicon 2.0:

To provide sustained support for semiconductor manufacturing, the Union Cabinet has approved Semicon 2.0 on 15.07.2026 with an outlay of ₹1.27 lakh crore. This initiative aims to establish a self-reliant, globally competitive semiconductor design and manufacturing ecosystem. Semicon 2.0 has following six pillars:

S. No.	Pillars	Segment
1	Design of Chips	Strategic & commercial chips
2	Machines and materials	Equipment, chemicals, gases, materials
3	Setting up more Fabs	Silicon, display, compound etc.

4	Further strengthening the ATMP/OSAT industry	Advanced & legacy packaging
5	Research & Development	Advanced technologies
6	Talent Development	Design & manufacturing talent
