

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 6140
TO BE ANSWERED ON: 01.04.2026

STARTUPS APPROVED UNDER DESIGN LINKED INCENTIVE SCHEME

6140. DR. HEMANT VISHNU SAVARA:
SHRI RAO RAJENDRA SINGH:

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

- (a) the number of companies and startups approved under the Design Linked Incentive Scheme since its launch;
- (b) the number of chip design projects supported under the said scheme and their sector-wise distribution;
- (c) the financial incentives sanctioned and disbursed under the said scheme so far;
- (d) the number of Intellectual Property (IP) cores, chip prototypes or products developed under the scheme as of February 2026, year-wise; and
- (e) whether the Government has assessed the impact of the scheme on promoting indigenous semiconductor design capabilities and if so, the details thereof?

ANSWER

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

(a) to (e): The Government approved Semicon India programme in 2022 for the development of complete semiconductor ecosystem, ranging from design, fabrication, assembly, testing, packaging, and module manufacturing.

Fiscal incentives were provided for setting up semiconductor units including fabs, packaging units, etc.

Progress of Semicon India:

In a short span of four years, the Government has approved 10 units with an investment commitment of about Rs 1.6 Lakh Cr.

Approved projects include two semiconductor fabs and eight ATMP/OSAT units throughout the country. The commercial production in two plant (Micron and Keynes at Sanand) has already commenced with 2 more to start commercial production this year.

Developing semiconductor design ecosystem:

As per industry assessment, the maximum value addition in the semiconductor chips is from the design of chips. Semicon India also focuses on design of semiconductor chips, SoCs and development of Intellectual Property (IP) through Design Linked Incentive (DLI) Scheme. Following support is provided to the startups under it:

- (a) Design infrastructure support, such as Electronic Design Automation (EDA) tools and Intellectual Property (IP) cores, to help with early prototyping of designs.
- (b) Financial incentive of up to 50% of eligible costs, capped at ₹15 Crore per application, for design prototyping, scaling-up, and volume production.
- (c) Incentives of 6% to 4% of net sales turnover over five years, capped at ₹30 Crore per application, for deployment & commercialization of chip solutions.

As part of DLI scheme, we have seen significant progress:

- 24 projects have been approved for the design of semiconductor chips & SoCs, with a total project value of Rs 900 Cr, including Design infrastructure support (Details of startups at **Annexure-I**).
- These projects address critical sectors such as video surveillance, drone detection, energy metering, microprocessors, satellite communications, and broadband and IoT SoCs.
- Out of 24 projects, 15 companies have raised venture capital funding to scale up and productize their solutions.
- Rs 650 crore has been raised in VC funding by Indian semiconductor startups.
- 7 chips have been successfully fabricated out of 16 designs taped out across multiple foundries, including advanced nodes such as 12 nm at TSMC.
- 103 fabless chip design companies have been supported with access to advanced chip design infrastructure, cumulatively consuming 65 lakh hours of tool usage (Details of startups at **Annexure-I**).
- 10 patents have been filed and 140+ reusable semiconductor IP cores developed, serving as critical enablers for advanced chip design.

Chip to Startup (C2S) Programme

The Government is also providing infrastructure support for chip design to eligible applicants, including access to EDA tools, IP cores, and fabrication facilities.

These advanced designing tools are now available to students of 315 universities/institutes. So far, the usage of these tools has exceeded 200 lakh hours.

146 designs have been taped out by 49 institutions across India. Out of this, 94 student-designed chips have been fabricated and packaged at SCL Mohali. Another 50+ institutions are in the advanced stage of submitting about 80 new chip designs for fabrication.

Annexure-I**State-wise list of 24 projects of start-up companies approved for financial support under the DLI Scheme**

State	S.NO.	Company Name	Project Name	Project Outlay
				(in Lakhs ₹)
KARNATAKA	1	Fermionic Design Pvt. Ltd.	A 4-channel Mux-Demux Gain Phase Shifter for Hybrid Beamformer in 8-12GHz for satellite communication and 5G Antenna Array systems	1047.19
	2	Morphing Machines Pvt. Ltd.	SoC, IP and Accelerator card powered by REDEFINE architecture and Ecosystem	2048.83
	3	Calligo Technologies Pvt. Ltd.	SoC with RISC V and POSIT Coprocessor based Accelerator Card with Software Ecosystem	4192.75
	4	Sensesemi Technologies Pvt. Ltd.	SenseSoC-200 SoC for IOT and Medical Applications	3907.02
	5	Saankhya Labs Pvt. Ltd.	SoC for Baseband Processing for 5G Telecom infrastructure	2558.77
	6	Aryabhata Circuits and Research Labs Pvt. Ltd.	Next Generation IC for Advanced Tire Monitoring System (TMS)	4095.49
	7	BigEndian Semiconductors Pvt. Ltd.	SoC for Video Audio Surveillance Unit, Design and Development	3108

	8	C2i Semiconductors Pvt. Ltd.	A Digital Multiphase Controller IC for Enterprise Server Power	8375.2
	9	MMRFIC Technology Pvt. Ltd.	Indigenous Ka-Band Beamformer RADAR Chip	1253.04
	10	Sophrosyne Technologies Pvt. Ltd.	High-precision, Ultra-low-power SoC for real-time monitoring of cardiac activity and other vital health parameters	2147.1
	11	Aagyavision Pvt. Ltd.	Radar RF chips for edge applications	2547.9
TAMIL NADU	12	Aheesa Digital Innovations Pvt. Ltd.	VEGA Processor based GPON ONT and Network SoC for FTTX and Broadband applications	4140
	13	Mindgrove Technologies Pvt. Ltd.	Vision SoC using Shakti processor for Edge Computing	4786.11
	14	InCore Semiconductors Pvt. Ltd.	RISC-V multi-core super scalar processor for smartphones and edge AI.	1743
	15	MBit Wireless Pvt. Ltd.	Dualmode LTE Cat bis and NBIoT Baseband chipset for IoT applications	6536
KERALA	16	Netrasemi Pvt. Ltd.	A High-End Edge-AI SoC with on-chip video analytics and vector processing computing.	4430

	17	Netrasemi Pvt. Ltd.	Development of ML Acceleration chip with Programmable Hardware Infrastructure for Robots, Drones, Industrial automation and Video Analytics systems (64 TOPS AI performance) on 12nm, TSMC	6125
TELANGANA	18	Green PMU Semi Pvt. Ltd.	Energy-Harvesting power management Chip for IoT applications	986
	19	WiSig Networks Pvt. Ltd.	A 5G NB-IoT based SoC for Terrestrial and Satcom Applications	2555.57
	20	MosChip Technologies Pvt. Ltd.	Smart Energy Meter IC- VIDYUT	4000
MAHARASHTRA	21	Multi Nano Sense Technologies Pvt. Ltd.	MEMS Platform Gas Sensors and CMOS Data Acquisition AFE SoC	2953
UTTAR PRADESH	22	Vervesemi Microelectronics Pvt. Ltd.	A Mixed Signal Microcontroller for Motor Control and Smart Power Applications	2964
	23	Incise Infotech Limited	A Linear LED Driver IC.	428
DELHI	24	DV2JS Innovation LLP	LowLight Image Sensor with SinglePhoton Detection for Security, Surveillance, Automobile Cameras	748

State-wise list of 103 start-up companies approved for EDA tools support under the DLI Scheme

State	S.NO.	Company Name
KARNATAKA	1	Fermionic Design Pvt. Ltd.

2	Morphing Machines Pvt. Ltd.
3	Calligo Technologies Pvt. Ltd.
4	Sensesemi Technologies Pvt. Ltd.
5	Saankhya Labs Pvt. Ltd.
6	BigEndian Semiconductors Pvt. Ltd.
7	Stteereng Silicon Pvt. Ltd.
8	TriSpace Technologies Pvt. Ltd.
9	MemSmart Pvt. Ltd.
10	Silicon Support Solution (OPC) Pvt. Ltd.
11	Quanfluence Private Pvt. Ltd.
12	SandLogic Technologies Pvt. Ltd.
13	Aryabhata Circuits and Research Labs Pvt. Ltd.
14	Chipspirit Technologies Pvt. Ltd.
15	Tsilicon Pvt. Ltd.
16	Aagyavision Pvt. Ltd.
17	Terminus Circuits Pvt. Ltd.
18	Semiksha Semiconductors Pvt. Ltd.
19	Sophrosyne Technologies Pvt. Ltd.
20	iSOC Semiconductors Pvt. Ltd.
21	C2i Semiconductors Pvt. Ltd.
22	Linesemi Technology Pvt. Ltd.
23	Nanojoules Semiconductors Pvt. Ltd.
24	CIMware Technologies Pvt. Ltd.

25	PrimeSOC Technologies LLP
26	Ciliconchip Circuit Pvt. Ltd.
27	Memrym Solutions India Pvt. Ltd.
28	MAXVY Technologies Pvt. Ltd.
29	Trellisign Tech. Pvt. Ltd.
30	Semicon Design Technologies Pvt. Ltd.
31	Signalchip Innovations Pvt. Ltd.
32	Signitude Pvt. Ltd.
33	XtremeSilica Technologies Pvt. Ltd.
34	Selenean Technologies Pvt. Ltd.
35	Leadsoc Technologies Pvt. Ltd.
36	Univision Technology Solutions Pvt. Ltd.
37	MMRFIC Technology Pvt. Ltd.
38	Sophic Silicon Technologies Pvt. Ltd.
39	Aritrak Technologies Pvt. Ltd.
40	Ananant Systems Pvt. Ltd.
41	Maieutic Semiconductors Pvt. Ltd.
42	Xsoc Technologies Pvt. Ltd.
43	Velloresemicon Pvt. Ltd.
44	Optoml Semiconductors India Pvt. Ltd.
45	Interex Semiconductor Pvt. Ltd.
46	Banashree Renewable Energy System Pvt. Ltd.
47	Astrome Technologies Pvt. Ltd.
48	Baremetal Turnkey Products LLP
49	Secure Machines Pvt. Ltd.
50	Intsemi Technologies Pvt. Ltd.

TAMIL NADU	51	Aheesa Digital Innovations Pvt. Ltd.
	52	InCore Semiconductors Pvt. Ltd.
	53	ARIES BioMed Technologies Pvt. Ltd.
	54	Mindgrove Technologies Pvt. Ltd.
	55	Struent Semiconductors Pvt. Ltd.
	56	PRSsemicon Technologies Pvt. Ltd.
	57	Sicrest Semiconductors Pvt. Ltd.
	58	MBit Wireless Pvt. Ltd.
KERALA	59	Netrasemi Pvt. Ltd.
	60	Silizium Circuits Pvt. Ltd.
	61	Asnaviram Networks Pvt. Ltd.
	62	Drakon Innovations Pvt. Ltd.
TELANGANA	63	Green PMU Semi Pvt. Ltd.
	64	Wisig Networks Pvt. Ltd.
	65	Dheyo AI Pvt. Ltd.
	66	AMPICQ Pvt. Ltd.
	67	BITSILICA Pvt Ltd
	68	Manjeera Digital Systems Pvt. Ltd.
	69	Spintronics AI Semiconductors Pvt. Ltd.
	70	SmartKosh Technologies Pvt. Ltd.
	71	Vconnectech Systems Pvt. Ltd.
	72	Speedbus Semiconductors Pvt. Ltd.
	73	WnPSemicon LLP
	74	Sigan Semiconductors OPC Pvt. Ltd.
	75	Vaaluka Solutions Pvt. Ltd.
	76	Avecas Technologies Pvt. Ltd.
ODISHA	77	Qualivon Technologies Pvt. Ltd.

MAHARASHTRA	78	Panache Digilife Limited
	79	Vasbeam Pvt. Ltd.
	80	Tahinium Technologies Pvt. Ltd.
	81	Imumbai Semiconductors Pvt. Ltd.
	82	Pentarisc Systems Pvt. Ltd.
	83	Multi Nano Sense Technologies Pvt. Ltd.
ASSAM	84	Phra Narai Semicon Systems Labs Pvt. Ltd.
GUJARAT	85	Indiesemic Pvt. Ltd.
	86	Synchronous Drives And Inverters Pvt. Ltd.
	87	Vicharak Computers Pvt. Ltd.
	88	Artronics Pvt. Ltd.
	89	Sikern Semiconductor Pvt. Ltd.
UTTAR PRADESH	90	Inquantumshift Labs Pvt. Ltd.
	91	Vervesemi Microelectronics Pvt. Ltd.
	92	Incise Infotech Limited
	93	Reslink Technologies Pvt. Ltd.
	94	Truesilicon Technologies Pvt. Ltd.
	95	Keenheads Technologies Pvt. Ltd.
UTTARAKHAND	96	Linearized Amplifier Tech. and Services Pvt. Ltd.
DELHI	97	DV2JS Innovation LLP
	98	Orvis Semi Pvt. Ltd.
	99	CryoLogiq Semiconductors Pvt. Ltd.
HARYANA	100	Syrma SGS Technology And Engineering Services Ltd.
ANDHRA PRADESH	101	Krisemi Design Technologies Pvt. Ltd.
WEST BENGAL	102	SemiFront Technologies Pvt. Ltd.
	103	Aantaric Technologies Pvt. Ltd.
