

GOVERNMENT OF INDIA  
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 1680**  
TO BE ANSWERED ON: 10.12.2025

**LAUNCH OF ARKA-GKT1**

**1680. DR. HEMANT VISHNU SAVARA:**  
**SHRI CAPTAIN BRIJESH CHOWTA:**  
**SHRI LAVU SRI KRISHNA DEVARAYALU:**  
**SHRI JASHUBHAI BHILUBHAI RATHVA:**  
**SHRI P P CHAUDHARY:**  
**SHRI ALOK SHARMA:**  
**DR. HEMANG JOSHI:**

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

- (a) the approvals granted under the second tranche of the Electronics Components Manufacturing Scheme (ECMS) including the total proposed investment and projected production values;
- (b) the details of the States in which the newly approved units are located and the extent to which the scheme supports balanced regional growth and high-skill employment generation;
- (c) whether any such units have been approved or proposed for the State of Rajasthan and coastal Karnataka particularly Dakshina Karnataka and if so, the details thereof;
- (d) the categories of electronic components and sub-assemblies covered under the latest approvals and the key sectors expected to be served by these projects; and
- (e) the details of the launch of India's first generation energy-efficient edge silicon chip ARKAGKT1?

**ANSWER**

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

(a) to (e): The policies of Government of India is driven by Hon'ble Prime Minister's vision of Make in India and Atmanirbhar Bharat. It aims building a complete ecosystem for electronics sector.

We started our electronics journey with manufacturing finished products in the country and then started to focus on developing modules. The focus is now on developing the sub-modules/components and further raw materials, tools and machineries that go into manufacturing it.

Electronics manufacturing in India has expanded significantly in the last 11 years. Value addition by the electronics manufacturing units in India has also increased considerably in recent years. It can be seen from the following statistics:

#	2014-15	2024-25	Remarks
Production of electronics goods (₹)	~1.9 Lakh Cr	~11.3 Lakh Cr	Increased 6 times
Export of electronics goods (₹)	~0.38 Lakh Cr	~3.3 Lakh Cr	Increased 8 times

Production of mobile phones (₹)	~0.18 Lakh Cr	~5.5 Lakh Cr	Increased 28 times
Export of mobile phones (₹)	~0.01 Lakh Cr	~ 2 Lakh Cr	Increased 127 times

This transformation was made possible by the Government's electronics manufacturing strategy. Many initiatives have been undertaken in last 11 years. These include:

- Production linked incentives (PLI) for large scale electronics manufacturing
- Production linked incentives (PLI) for IT hardware
- Scheme for Promotion of Manufacturing of Electronic Components and Semiconductors (SPECES)
- Electronics Manufacturing Clusters (EMC and EMC 2.0) Scheme
- Public Procurement (Preference to Make in India) Order 2017 to prioritize domestically manufactured products in public procurement
- Reforms in taxation including rationalization of tariff structure, exemption on basic custom duty on capital goods, etc.
- Allowing 100% FDI in electronics manufacturing, subject to applicable laws / regulations

### **Electronics Components Manufacturing Scheme (ECMS).**

To further deepen electronics manufacturing, Government launched ECMS. It promotes manufacturing of components such as resistors, capacitors, inductors, printed circuit boards, sub-assemblies, electro-mechanicals, etc.

The scheme has received unprecedented response from the industry so far. Applications for projects having investment value of INR 1.15 lakh crores against the target investment of INR 59,350 crores have been received.

Government has approved 24 applications so far under this scheme, out of which 17 applications have been approved in 2<sup>nd</sup> tranche.

These 17 applications have projected investment of INR 7,172 crores, production of INR 65,111 crores and generation of 11,808 direct employments.

The manufacturing units of these 17 applications are located across 9 States which highlights wide and diverse participation of States across the country in electronic components manufacturing.

Out of these 17 approved applications, five (05) applications have been approved for electronic component manufacturing in Karnataka. The details of the same are *annexed*.

These approved applicants would manufacture a wide spectrum of electronic components such as multi-layer PCB, camera module, connectors, oscillators, optical transceivers and enclosures for mobile, IT hardware products and related devices. These are expected to be used across various sectors like consumer electronics, telecom, auto electronics and IT hardware etc.

The ARKA GKT-1 is a System-on-Chip (SoC) jointly developed by M/s Cyient Semiconductor and M/s Azimuth AI. This SoC supports advanced edge-compute features with potential applications in smart electricity meters enabling smart grids, precision metering and IoT (Internet of Things) infrastructure.

The development of this SoC showcases maturing of India's industry and shift towards a product-driven and high-performance semiconductor ecosystem.

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**Annexure I**

**List of applications approved for state of Karnataka.**

<b>S.No.</b>	<b>Applicant Name</b>	<b>Product</b>
1.	Aequs Consumer Products Private Limited	Enclosures for Mobile, IT Hardware products and related devices
2.	Rakon India Private Limited	Electro-mechanicals - Oscillators
3.	Micropack Private Limited	Multi-Layer PCB
4.	AT & S India Private Limited	Multi-Layer PCB
5.	Ehoom IOT Private Limited	Multi-Layer PCB

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