

# **Gujarat Electronics Policy (2022-28)**

**Government of Gujarat**

**Science and Technology Department**

**G.R. No: DST/EHM/e-file/24/2022/1194/IT**

**Sachivalaya, Gandhinagar**

**Date: 28.10.2022**

## **1 PREAMBLE**

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The global electronics industry, valued at USD 2.9 trillion in 2020, is one of the world's largest and fastest growing sectors. The Electronics industry globally drives productivity, trade, and investment in both developed and developing countries, and it has made a significant contribution to economic growth across the world, especially in the Asia-Pacific region. The global electronics market has grown significantly over the previous decade owing to rising consumer demand for mobile phones, laptops, tablets, automobiles, and medical devices and making affordable electronics products more accessible to a wider audience.

India has been one of the most prominent consumers of electronic products, specifically in Asia-Pacific, and the demand has further grown in the last decade due to increasing middle-class population, rising disposable incomes, and declining electronics prices in the country.

Hon'ble Prime Minister's vision of USD 300 billion sustainable Electronics Manufacturing & Exports by 2026 accords high importance to development robust domestic electronics manufacturing capabilities by targeting the entire production value chain. Under this vision, the Government of India has taken several initiatives for the holistic growth of Electronics System Design and Manufacturing sector in the country. As a result of which, domestic production of electronic goods has increased substantially from USD 37 billion in 2015-16 to USD 74.7 billion in 2020-21 growing at a Compound Annual Growth Rate (CAGR) of 17.9%. India's share in global electronics manufacturing has grown from 1.3% in 2012 to 3.6% in 2019.

The Government of India has envisioned to position India as a global hub for Electronics sector by encouraging and driving capabilities in the country for developing

core components, including chipsets, and creating an enabling environment for the industry to compete globally. The Electronics sector is likely to play a vital role in the Government's goal of generating USD 1 trillion of economic value from the digital economy of India by 2025. This target can be met by leveraging the multiplier effect of investments in this sector through the vast ocean of global and domestic opportunities for establishing a robust supply chain within the country.

Gujarat being a leading industrial state in the country offers a favorable business ecosystem, backed by a robust policy framework, ease of doing business, and state-of-the-art infrastructure. The Government of Gujarat is taking great strides towards becoming a preferred destination for Electronics sector and in realizing the Hon'ble Prime Minister's vision of making India a global hub for electronics manufacturing and reducing dependency on East Asian countries.

## **2 GUJARAT ELECTRONICS POLICY (2022-28)**

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Gujarat is committed to promote faster and inclusive growth in electronics sector and has taken strategic steps towards achieving this objective in a holistic manner. Gujarat is the first and only State in the country to issue a sector focused Semiconductor Policy (2022-27) which aims to make Gujarat a major contributor in the Global Value Chain of semiconductor and display manufacturing sector. This will create an enabling foundation on which Gujarat will build a robust Electronics Manufacturing ecosystem.

To achieve this objective, the Gujarat Electronics Policy (2022-28) will focus on attracting investments and employment across the State by driving growth through incentives, process optimization and facilitating adoption of latest technologies in the electronics manufacturing.

### **2.1 VISION**

To position Gujarat as a national leader in the Electronics sector by encouraging and driving growth through strategic Policy interventions, State-of-the-art infrastructure; and advancement into research and innovation for promoting value led manufacturing and enabling the holistic development of Electronics sector in the State.

## 2.2 OBJECTIVES

The key objectives of this Policy are:

- To create USD 30 Billion of electronics manufacturing and export in the entire value chain, thereby creating opportunities for earning forex by import substitution and export promotion.
- To create employment opportunities in Electronics sector for 10,00,000 people by 2028.
- To promote manufacturing by augmenting fiscal and non-fiscal support for Electronics sector.
- To enable active collaboration / partnership with stakeholders in the Electronics industry to enhance the availability of skilled manpower.
- To encourage industry led R&D and innovation across all sub-sectors of Electronics industry.

## 2.3 DEFINITIONS

2.3.1 The '**Operative Period of the Policy**' shall come into force with effect from the date of notification of this Policy and shall remain in force till 31st March 2028 or till the declaration of a new or revised Policy, whichever is earlier. Only eligible entities who have applied for assistance on or before 31st March 2028 and who have commenced operation on or before 31st March 2031 shall be eligible for incentives.

2.3.2 '**Eligible unit**' means

any New Unit setting up operations for the production of eligible goods indicated in Annexure-I of this Policy, as updated from time to time

or

any Existing Unit undertaking expansion / diversification in the project for the production of eligible goods indicated in Annexure-I of this Policy, as updated from time to time.

Such eligible units must be engaged in one of the following businesses –

- Manufacturing of electronics products such as telecom systems / mobiles / IT systems and hardware / consumer electronics / medical

electronics / avionics / industrial electronics / defense and strategic electronics / automotive electronics / information and broadcasting equipment.

- Manufacturing of intermediates such as PCBs / semiconductors / chip components / ICs / components / parts etc.
- Electronics Manufacturing Services (EMS)
- Any other electronics verticals / products covered by the National Policy on Electronics (NPE) or any other Policies, as issued by the Govt. of India from time to time.

2.3.3 **'New Unit'** means any Unit which fulfills any one of the following criteria:

- Any unit which has or had obtained acknowledgement for filing MSME/Udyam registration or Small-Scale Industry (SSI) registration from the State Government or Industrial Entrepreneur Memorandum (IEM) with Government of India and is setting up or commences its commercial operations during the operative period of this Policy.
- An Existing Unit outside Gujarat State carrying out new investment at any location in Gujarat and commences commercial operations during the operative period of this Policy shall be considered as a New Unit.

Note: A New Unit shall be eligible for assistance for maximum one-time expansion during the operative period of the Policy. **'Existing Unit'** means any unit which has obtained MSME/Udyam Registration or Small-Scale Industry (SSI) Registration issued by Government of Gujarat or Industrial Entrepreneur Memorandum (IEM) issued by Government of India and already running operations within the State and is undertaking expansion / diversification in the project for carrying out activities indicated in this Policy and begins work for such expansion / diversification during the operative period of this Policy.

2.3.4 **'Expansion'** means activities undertaken by an Eligible Unit to increase the existing production capacity of the goods proposed to be manufactured by at least 50%, at any location within Gujarat.

Note:



- Such expansion will be eligible for incentive claim only if the eligible unit has reached the utilization of existing installed capacity to the extent of at least 75% in any one of the preceding three financial years.
- The expansion operation must be brought into production / commercial operations during the operative period of this policy, for it to be eligible for incentive claims under this Policy.

2.3.5 **'Diversification'** means activities undertaken by an Eligible unit to produce goods other than the goods which are being currently manufactured by the Eligible unit. However, in any case, the list of eligible goods for diversification shall be in accordance with the list of goods indicated in Annexure-I of this Policy, as updated from time to time.

Note:

- The diversification operation must be brought into production / commercial operations during the operative period of this policy, for it to be eligible for incentive claims under this Policy.

2.3.6 **'Eligible CAPEX'** includes the following:

- A. Expenditure incurred on plant, machinery, equipment and associated utilities: This shall include expenditure on plant, machinery, equipment and associated utilities, as well as tools, dies, molds, jigs, fixtures (including parts, accessories, components, and spares thereof) of the same, used in the design, manufacturing, assembly, testing, packaging or processing of any of the goods eligible under the Policy. It shall also include expenditure on commissioning of the plant, machinery, equipment and associated utilities. The Associated utilities shall inter-alia include captive power and effluent treatment plants, essential equipment required in operations areas such as clean rooms, air curtains, temperature and air quality control systems, compressed air, water & power supply and control systems, etc. Associated utilities would also include IT and ITES infrastructure related to manufacturing such as servers, software and ERP solutions.
- B. Expenditure incurred on Construction: The expenditure made in the construction of the plant required to produce products or services by the

eligible unit, excluding the cost of land and expenditure on purchase of the building.

- C. **Note:** Only Expenditure incurred towards '2.3.7-A' and '2.3.7-B' during the operative period of Policy up till two years from the date of commencement of commercial operations / production shall be considered under Eligible CAPEX.

2.3.7 '**Electronics Manufacturing Services**' includes engineering and design of PCBs, PCB assembly, including sub-assemblies, functional testing and product and component design.

2.3.8 '**Government**' means the Government of Gujarat.

2.3.9 '**Gujarat-based Company**' means a Company having its manufacturing facility in Gujarat.

2.3.10 '**DST**' means Department of Science and Technology, Government of Gujarat.

2.3.11 '**GSEM**' means Gujarat State Electronics Mission, Government of Gujarat.

2.3.12 '**High Powered Committee (HPC)**' means the committee constituted by the Government for the approval of any exceptional cases, under this Policy.

2.3.13 '**State Level Empowered Committee (SLEC)**' means the committee constituted by the Government, for the approval of the assistance to eligible entities, under this Policy.

### **3 INCENTIVES AND OFFERINGS**

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The incentives and offerings mentioned in this section apply to eligible entities, in addition to any incentives that they might be entitled to avail from the Government of India. However, any applicant claiming incentives from any other policy of the Government of Gujarat, unless stated otherwise, is not permitted to claim incentives under this Policy.

#### **3.1 FISCAL INCENTIVES**

##### **3.1.1 Capital Assistance**

- A. The following capital Assistance shall be provided to eligible units:

#	Scale of Investment	Description of Support
1	Eligible CAPEX less than or equal to INR 1,000 Cr.	Capital support of up to 20% of the Eligible CAPEX subject to ceiling of INR 200 cr.
2	Eligible CAPEX more than INR 1,000 Cr.	<ul style="list-style-type: none"> <li>▪ Capital support of up to 20% of the Eligible CAPEX subject to ceiling of INR 200 cr. for the Eligible CAPEX incurred up to INR 1,000 Cr.</li> <li>▪ Capital support of up to 15% of the incremental Eligible CAPEX above INR 1,000 Cr.</li> </ul>

B. **Note:** The Capital Support will be disbursed in annual installments spaced equally over a period of the 5 years starting from the date commercial operations / production of the Eligible Unit.

### 3.1.2 Stamp duty and Registration Fees

All eligible units will be entitled for one time reimbursement of 100% of Stamp Duty and Registration Fee paid to the Government for lease/sale/transfer of land.

### 3.1.3 Interest Assistance

- A. Eligible units will be entitled to interest assistance on term loan, to the tune of 7 per cent or the actual interest paid, whichever is lower, with a ceiling of INR 10 Cr. per annum.
- B. Such units shall be able to claim this incentive on an annual basis for a maximum period of five years from the date of start of actual interest repayment, provided that the date of interest repayment falls within the operative period of the Policy.
- C. Such eligible units will be entitled to interest assistance on actual interest repayment (excluding principal repayment) on a term loan acquired from an Indian Branch of Indian financial institution approved by the Reserve Bank of India (RBI) (excluding NBFC).
- D. The Eligible Unit shall have to bear a minimum 2% interest levied on a term loan by Bank/Financial institution.

E. The disbursement of the incentives shall be done in quarterly installments.

#### 3.1.4 Logistics Subsidy

The Government shall facilitate Eligible Units in reducing their operational costs by providing the following support for transportation of goods / raw materials / machinery required for core manufacturing activities:

Category	Description of Support
Support for Logistics (imports)	Eligible units are entitled to support of up to 25% of the freight charges, subject to a maximum ceiling of INR 5 Cr. per year for 5 years
One-time support for relocating their manufacturing operations from outside India to Gujarat	Reimbursement of 50% of the cost incurred on import of manufacturing equipment up to a maximum ceiling of INR 5 Cr.

#### 3.1.5 Incentives on Power tariff and Electricity duty

- A. Eligible units will be entitled to power tariff subsidy of INR 1/unit for a period of five years.
- B. All eligible units can claim exemption from paying electricity duty as per the provisions laid down under Gujarat Electricity Duty Act, 1958.
- C. Existing units undertaking expansion / diversification will be entitled for power tariff subsidy and electricity duty reimbursement only for additional power consumed, attributable to such expansion / diversification.
- D. The disbursement of the power tariff subsidy and electricity duty incentives shall be done in annual installments.

#### 3.1.6 Atmanirbhar Gujarat Rojgar Sahay

All eligible units will be eligible to claim reimbursement on the employer's statutory contribution under Employees' Provident Fund (EPF) made by them for their employees working in the offices situated within Gujarat for a period of five years. This reimbursement would be made subject to the following criteria:

- A. 100 per cent of employer's statutory contribution under EPF amount paid in case of female employees locally working in Gujarat.
- B. 75 per cent of the employer's statutory contribution under EPF amount paid in case of male employees locally working in Gujarat.
- C. The ceiling of incentive amount per employee will be 12 per cent of the employee's basic salary plus applicable Dearness Allowance (DA) and retaining allowance

For eligible expansion units, the assistance will be available for incremental employee count beyond the count that existed before undertaking expansion, occurring during the Policy period for a period of five years for each of such projects. For this purpose, the average employee count of the previous year before the commencement of operations from new set-up/expansion shall be treated as base employee count and incremental count, which will be computed over such base count, happening every year during the Policy period shall be entitled to such benefit for the duration of five years.

### **3.2 INCENTIVES FOR DEVELOPING VALUE-LED ELECTRONICS ECOSYSTEM**

The Government, through any of its agencies, may take up the following activities to build a strong foundation for the holistic development of the Electronics ecosystem which will be focused on creating internal capabilities and driving value-led growth in the Gujarat Electronics sector:

#### **3.2.1 Driving growth through Infrastructure development**

- A. Gujarat Electronics Manufacturing (GEM) Clusters.

To strengthen the Gujarat Electronics ecosystem and to develop a robust electronics manufacturing infrastructure in the State, the Government, through its established agencies such as Gujarat Industrial Development Corporation, Dholera Special Investment Region Development Authority etc. may establish Electronics Manufacturing Clusters at strategic locations within the State in the next five years. To achieve this objective the Government shall collaborate with major players in the Electronics industry to identify growth sub-sectors in the Electronics value chain and facilitate the development of the requisite infrastructure such as developed industrial land, Plug & Play Industrial sheds, uninterrupted Utilities (Power, water,



Gas, ETP/STP etc.) at doorstep, Logistics connectivity (Ports, ICDs, international & national airports & Delhi-Mumbai industrial Corridor) etc.

#### B. Electronics - Common Facilities Centers (E-CFCs)

The Government may provide operational support to existing and upcoming Electronics Manufacturing Clusters in the State by establishing a state-of-the-art Electronics - Common Facility Center (E-CFC) in close collaboration with Industry players in the respective clusters. The services developed under such E-CFCs shall be in accordance with the activities mentioned under the Annexure-II of this Policy, as updated from time to time.

### 3.2.2 Building in-house capabilities by facilitating Skill development

#### A. Gujarat Electronics Training (GET) cells

The Government in its efforts towards development of industry ready workforce in the Electronics sector, will collaborate with Gujarat Technological University and other premier institutions in the State to create industry-oriented cells with the aim of developing relevant curriculum and provide support in reducing the skill-gap between industry and academia. The primary objective of these GET cells is to create high skilled graduate workforce for the Electronics industry in the State.

#### B. Electronics Industrial Training Institutes (E-ITIS)

The Government of Gujarat will strengthen select existing Industrial Training Institutes (ITIs) within the State to facilitate skill development in the Electronics System Design and Manufacturing (Electronics) sector. Such ITIs will then serve as the foremost source of industry ready talent for Electronics sector.

The Government shall collaborate with the industry experts and major players in Electronics ecosystem to design and develop practical training curriculum, trainings and certification courses catering to the need of the Electronics sector. These courses will be operationalized in the existing ITIs and would help in the skilling of youth according to industry standards.

#### C. Building internal capabilities through 'Train the Trainer' programs



The government, through its agencies shall strive to implement “Train the trainer” programs and subsidize on case-to-case basis national / international faculty travel and stay in India and expenditure incurred by Indian faculty/trainers for training programs, subject to a maximum expenditure of Rs. 10 Lakh per faculty/trainer.

D. Apprentice Exchange programs

The Government, through its agencies, on need basis shall send select batches of apprentices under GET cells and E-ITIs to Electronics manufacturing hubs across the world for internship / apprenticeship programs. The Government shall collaborate to form skill development MoUs with leading electronics manufacturing players across various sub-sectors for such internship / apprenticeship programs.

**3.2.3 Transforming Electronics landscape by promoting R&D in electronics**

A. Common R&D facilities

The Government will strengthen R&D infrastructure in Electronics sector through development of common R&D facilities in GEM clusters on need basis which will have Testing labs, clean room facilities, common Instrumentation facilities, etc. built in collaboration with International & National universities and industry players.

These R&D facilities shall act as an open for all innovation hubs which can be utilized for private and public sponsored R&D projects, for creating domestic IP in the Electronics sector and advancing Gujarat’s R&D ecosystem.

B. Gujarat Electronics Research & Innovation Lab

The Government shall establish a State-of-the-art Electronics Research & Innovation Lab in close collaboration with premier international and national research institutions. The Government shall facilitate cutting edge research to advance the field of electronics design and manufacturing. An expert subcommittee for R&D comprising of academic and industrial experts shall be formed to evaluate relevant fields for research in the Electronics sector. Such an Expert subcommittee shall be chaired by a representative of the

Government, and it shall comprise of academics and industrial experts from relevant field with regards to the R&D project. GSEM will separately issue detailed implementation guidelines specifying the constitution of this Expert Committee.

C. Value based R&D – supporting commercialization

R&D projects having significant potential for commercialization of product shall be provided monetary and infrastructure support under the Gujarat Electronics Research & Innovation Lab, subject to the project receiving approval from the Expert subcommittee for R&D. The scale of monetary support shall be decided by the Government on the basis of recommendation of the said subcommittee.

D. Individual support program for promoting R&D in higher educational institutions

The Government, in order to promote domestic IP creation, shall provide monetary support up to 25 percent of the monthly stipend up to INR 50,000 per month to aspiring post-Doctoral research students conducting their research in the field of Electronics sector under government recognized universities / research institutions or the Gujarat Electronics Research & Innovation Lab. The monetary support including the duration and scale of support shall be decided by the Government on the basis of recommendation of the Expert subcommittee for R&D.

### 3.3 NON-FISCAL INCENTIVES

The Government is focused on building a continuing and amiable ecosystem for the investors that integrates the principles of Ease of Doing Business and investor facilitation at its core, and to that effect, the Government shall take measures to ascertain that all stakeholders are supported throughout their investment journey. The following are some of the significant interventions in this regard:

S.No.	Incentive Category	Description of Support
1	Self-Certification	Eligible Units will be facilitated for statutory compliances such as: A. The Factories Act, 1948

S.No.	Incentive Category	Description of Support
		<p>B. The Maternity Benefit Act, 1961</p> <p>C. Gujarat Shops and Establishments (Regulation of Employment and Conditions of Service) Act, 2019</p> <p>D. The Contract Labour (Regulations &amp; Abolition) Act, 1970</p> <p>E. The Minimum Wages Act, 1948</p> <p>F. The Payment of Wages Act, 1936</p>
2	Single window for Fast track approvals	The Government shall digitize the incentive application process for enhancing the transparency and efficiency in application processing by introducing a common digital platform for incentive application and query management. In addition to this, the Government shall appoint dedicated resources for effective monitoring of each application and shall streamline its internal processes to reduce turnaround time.
3	Land Identification & Allotment	The Government will facilitate in identifying industrial zones suitable for setting up projects and assist in identification of land and facilitate in the land allotment process. Towards this effect, the Government shall strive to create and maintain a digital land bank to streamline the land identification process.
4	Regulatory Approvals	The Government shall strive to ease the investment journey by facilitating the Electronics industries in obtaining the various regulatory approvals by assigning a dedicated co-ordination desk within GSEM to fast-track the approval process.



S.No.	Incentive Category	Description of Support
5	Uninterrupted Utilities Supply	The Government shall facilitate doorstep access of essential utilities by developing requisite infrastructure for uninterrupted supply of power, water, Gas and other industrial infrastructure.
6	Common dormitories for housing Industrial workforce	The Government, through any of its agencies, may develop common industrial dormitories on need basis in the various GEM clusters for providing a sustainable social infrastructure to support the industrial workforce.
7	Promotion of Gujarat Electronics sector	The Government, through any of its agencies shall take part or send delegation of select representatives to various international and national conclaves / conferences / trade fairs etc. relevant to the Electronics sector to promote the State as the destination choice for electronics manufacturing. GSEM shall aggressively strategize and guide such promotion activities and ensure maximum outreach of such programs.



## **4 POLICY IMPLEMENTATION**

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### **4.1 GUJARAT STATE ELECTRONICS MISSION (GSEM)**

4.1.1 The Gujarat State Electronics Mission has been set up with a vision to build a vibrant Electronics ecosystem to enable Gujarat's emergence as a national hub for electronics manufacturing. The primary objective of the GSEM is to organize efforts for promoting Electronics industry in a more structured, focused, and comprehensive manner. It will formulate a comprehensive long-term strategy for promoting the Electronics sector of Gujarat in consultation with government agencies, industry, and academia. It will facilitate the ecosystem by developing trade linkages to strengthen supply chain, including raw materials, specialty chemicals, gases, and manufacturing equipment. Further, it will enable a multi-fold growth of Gujarat's Electronics industry by providing requisite institutional and policy support and facilitate indigenous Intellectual Property (IP) generation. Additionally, GSEM will also enable collaboration and partnership programs with national and international agencies, industries and research institutions for catalyzing collaborative research, commercialization of product and skill development.

4.1.2 Office of the Mission Director, GSEM shall implement this policy.

4.1.3 DST will separately issue detailed implementation guidelines for effective implementation of the policy.

### **4.2 HIGH POWERED COMMITTEE**

The State Government shall constitute a High-Powered Committee (HPC) for evaluating proposals and for granting exceptional approvals for projects requesting support under this Policy. The HPC shall comprise the following members:

1. Chief Secretary, Gujarat – Chairman
2. Additional Chief Secretary / Principal Secretary / Secretary, Industries & Mines Department – Member
3. Additional Chief Secretary / Principal Secretary / Secretary, Finance Department – Member

4. Additional Chief Secretary / Principal Secretary / Secretary, Revenue Department – Member
5. Additional Chief Secretary / Principal Secretary / Secretary, Urban Development and Urban Housing Department – Member
6. Additional Chief Secretary / Principal Secretary / Secretary, Energy and Petrochemicals Department – Member
7. Additional Chief Secretary / Principal Secretary / Secretary, Department of Science & Technology (DST) – Member
8. Secretary (Expenditure), Finance Department – Member
9. Additional Secretary (IT) / Joint Secretary (IT) / Deputy Secretary (IT), Science & Technology Department – Member
10. Financial Advisor (DST), Finance Department – Member
11. Industries Commissioner – Member
12. Director, Directorate of ICT and e-Governance, Department of Science & Technology (DST) – Member
13. Mission Director, Gujarat State Electronics Mission – Member Secretary

#### **4.3 STATE LEVEL EMPOWERED COMMITTEE**

The State Government shall constitute a State Level Empowered Committee (SLEC) for evaluating proposals and granting approvals for eligible assistance to all projects. The SLEC, may at its discretion, refer the project proposal with its recommendation to HPC for granting exceptional approvals. In such an event, the decision of the HPC shall be final and binding. The SLEC shall comprise the following members:

1. Additional Chief Secretary / Principal Secretary / Secretary, Department of Science & Technology (DST) – Chairman
2. Additional Chief Secretary / Principal Secretary / Secretary (Expenditure), Finance Department – Member
3. Additional Secretary (IT) / Joint Secretary (IT) / Deputy Secretary (IT), Department of Science & Technology – Member
4. Industries Commissioner – Member

5. Financial Advisor (DST), Finance Department – Member
6. Director, Directorate of ICT and e-Governance, Department of Science & Technology (DST) – Member
7. Mission Director, Gujarat State Electronics Mission – Member Secretary

## **5 INTERPRETATION**

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The Department of Science and Technology, Government of Gujarat, is authorized for interpretation of any provision and to give clarification/decision with reference to any provision under this resolution, keeping in view the objective of the Policy and schemes, and it will be final and binding to all.

## **6 POWER TO AMEND THE POLICY**

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Notwithstanding anything contained in the foregoing paras, the Government holds the right to review and amend various aspects of the Policy from time to time.

## **7 BUDGETARY PROVISION**

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The expenditure on this account shall be made from the grants under the following budget head:

Demand no: 89

Major Head: 2052, Information Technology Incentive Plan.

The above Government Resolution issued with the concurrence of Finance Department on the department's file of even number.

By order and in the name of Governor of Gujarat

  
(Vijay Nehra)

**Secretary to the Government of Gujarat,  
Department of Science and Technology.**

To

1. **Principal Secretary to Hon'ble Governor shri, Raj Bhavan, Gandhinagar.**
2. **Chief Principal Secretary to Hon'ble Chief Minister.**



3. Additional Chief Secretary to Hon'ble Chief Minister.
4. Secretary to Hon'ble Chief Minister.
5. Personal Secretary to Hon'ble Ministers, Government of Gujarat.
6. Personal Secretary to the Leader of Opposition Party in Gujarat Legislative Assembly, Gandhinagar.
7. Additional Secretary to Chief Secretary, Government of Gujarat.
8. Registrar, Hon'ble Gujarat High Court, Ahmedabad.
9. Secretary, Gujarat Vigilance Commission, Gandhinagar.
10. Secretary, Gujarat Public Service Commission, Gandhinagar.
11. Secretary, Gujarat Legislature Secretariat, Gandhinagar.
12. Secretary, Gujarat Civil Service Tribunal, Gandhinagar.
13. All Administrative Departments
14. VC and MD, GIDC, Udyog Bhavan
15. Industries Commissioner, Government of Gujarat
16. Directorate of ICT & e-Governance, Gandhinagar
17. Mission Director, Gujarat State Electronics Mission
18. All Institutions / Organizations / Societies under DST
19. All Collectors
20. DDG and SIO, NIC, Gujarat
21. Account General (A&E) Gujarat, Post Box No. 2201, Rajkot.
22. Account General (A&E) Gujarat, Ahmedabad Branch, Ahmedabad.
23. Account General (Audit-1) Gujarat, MS Building, Ahmedabad.
24. Director, Account & Treasuries, Gujarat State, Gandhinagar
25. Pay & Account Offices, Ahmedabad/Gandhinagar
26. All District Treasury Offices
27. Resident Audit Officer, Ahmedabad/Gandhinagar.
28. Select File.

(Copy of this Resolution can be downloaded from URL: <https://dst.gujarat.gov.in>)

## ABBREVIATIONS

CAGR	Compounded Annual Growth Rate
E-CFC	Electronics - Common Facilities Center
DA	Dearness Allowance
DST	Department of Science and Technology, Government of Gujarat
EMS	Electronics Manufacturing Services
HPC	High-Powered Committee
IC	Integrated Circuit
IEM	Industrial Entrepreneur Memorandum
MSME	Micro, Small & Medium Enterprises
PCB	Printed Circuit Board
R&D	Research & Development
SLEC	State Level Empowered Committee
SSI	Small Scale Industry



**List of eligible products covered in Electronics policy**

A. Electronics Products including Nano-electronics products and telecom products

1. Telecom products including optical fiber equipment, terrestrial communication equipment, satellite communication equipment, IP based new generation soft-switches/routers, data networking equipment – copper/optical – consumer and carrier grades; Transport systems – DWDM, SDH, PON, cross-connects, RF over optical fiber, Carrier ethernet, packet optical transport platform (P-OTP), wireless technology, Microwave Radio Systems, Software defined radio, cognitive radio, distributed antenna systems, equipment related to security and surveillance, processing of speech, data, image, video; customer premises equipment (CPE) – PBX systems, headends, 3G, 4G, 5G or upcoming routers, VoIP gateways, residential gateways, access points, routers, broadband CPEs, mobile phones, mobile handsets/ smart mobile phones, Set-top boxes, streaming devices, modems, dongles, data card; short range devices (SRD), sensors; VSAT based systems – broadband, disaster management; non-conventional energy sources, portable mechanical chargers for handsets, computers; NMS/OSS/BSS systems for all above – SNMP/ Openview/ CORBA,; Electronics products for energy management, Advanced storage batteries , Video Conferencing Equipment, Optical Fiber and Optical Fiber Cables, etc.
2. IT Hardware products including computers (tablets, desktops etc.), servers, peripherals like printers, faxes, storage devices monitor, Automatic teller Machines (ATMs), etc.
3. Consumer Electronics like Televisions, Digital Cameras, Camcorders, Audio Video products, electronic watches and clocks, electronic toys, wearable electronics, electronic personal care products, etc.
4. Health and Medical Electronics
5. Strategic electronics
6. Solar Photo Voltaic including thin film, polysilicon, etc.
7. Light Emitting Diodes (LEDs)
8. Avionics
9. Industrial electronic products including measuring and control equipment, energy meters, etc.
10. Nano electronics products

11. Automotive Electronics including Anti-lock braking system, Electronic Brake Distribution, Traction Control, Brushed DC Motors, etc.
12. Agri-electronics
13. Energy conservation electronics
14. Opto-electronics
15. Bio-metric and identity devices/RFID: Smart card manufacturing and personalization
16. Power supplies for Electronics products
17. Consumer Appliances like refrigerators, ACs, fully automatic washing machines, microwave ovens, etc.
18. Electronic product design including PCB design
19. Machine to Machine (M2M) and Internet of Things (IoT) products
20. Home fuel cells
21. Multi-functional electronic devices
22. Semiconductor equipment such as automatic test handler, pick and place machines, test head manipulator and their accessories like test sockets, probe cards, ATE load boards, conversion kits, docking mechanisms
23. Electronic security devices – including CCTV/surveillance equipment, CCTV, Access control, intruder alarms, etc.
24. Advanced Chemistry Cell Energy Storage devices for mobile and stationary applications ranging from vehicles (both hybrid and EV) to Energy Storage. These shall also include alternative battery chemistry-based storage batteries, such as lithium–sulfur (Li–S) batteries, sodium-related batteries, zinc-related batteries, aluminum-related batteries and any other technology in storage solutions being developed in the coming 5 years
25. Electrolyzers for production of Green Hydrogen Technologies
26. Industry 4.0 based devices utilizing IoT / ML / BIG Data Analytics / Cloud etc. based technologies for improving electronics manufacturing and service

B. Electronics Goods as mentioned in Annexure-I of file no. W-18/30/2019-IPHW-MeitY, dated 01.06.2020, as amended from time to time.

## ANNEXURE – II

An Illustrative list of eligible activities under the Electronics - Common Facilities Center (E-CFC)

Type of services	Eligible Activities
Vital	<ol style="list-style-type: none"> <li>1. Boundary Wall</li> <li>2. Internal Roads</li> <li>3. Storm Water Drains</li> <li>4. Electric Sub-Station/ Distribution Network</li> </ol>
Essential	<ol style="list-style-type: none"> <li>1. Waste Disposal/ Recycling</li> <li>2. Water Recycling/ Water Treatment Plant</li> <li>3. Effluent Treatment Plant</li> <li>4. Sewage Lines</li> <li>5. e-waste Management</li> <li>6. Street Lighting</li> <li>7. Backup Power Plant</li> <li>8. Warehousing</li> <li>9. Fire Fighting and Safety services</li> </ol>
Welfare Services	<ol style="list-style-type: none"> <li>1. Employee Hostel / Housing</li> <li>2. Hospital and ESIC</li> <li>3. Recreational Facility / Playground</li> <li>4. Creche / Nursery</li> <li>5. Educational Facilities</li> <li>6. Banking &amp; Financial Services.</li> </ol>
Support Services	<ol style="list-style-type: none"> <li>1. Centre of Excellence (R&amp;D, Incubation and Consultancy Services)</li> <li>2. Skill development Centre/Training Facility</li> <li>3. Auditorium &amp; Conference Facility</li> <li>4. Video Conferencing, IT &amp; Telecom Infrastructure</li> <li>5. Business, Trade &amp; Convention Centre</li> </ol>
Manufacturing Support Services	<ol style="list-style-type: none"> <li>1. Tool Room</li> <li>2. CAD/CAM Design House</li> <li>3. Plastic Molding / Cabinet Manufacturing</li> <li>4. Sheet Metal Stamping</li> <li>5. Packaging / Epoxy Suppliers</li> <li>6. Testing and Certification Facility</li> <li>7. Component Testing:               <ol style="list-style-type: none"> <li>a. Safety, Life Test, Reliability/Environment, Electrical &amp; mechanical properties</li> <li>b. RoHS Testing</li> <li>c. EMI / EMC Testing</li> <li>d. CRO compliance</li> </ol> </li> </ol>