

Automotive Electronics Export of the Philippines: The Trade Analysis of 2024

Automotive electronics: Specific types of electronic systems and components mostly used in vehicles are the topmost preference of the globally leading traders due to the higher manufacturing rate of automobiles worldwide, and the use of electronic components in such modern vehicles has increased the export rate. The complex supply chains and the rapid technological development, along with the cost advantages, have maintained the continuity in the global trade of automotive electronics.

[Philippines Import Data](#) says, the archipelagic country in Southeast Asia, bordered by Taiwan, Vietnam, and Malaysia in its maritime borders, has gradually emerged as a substantial contributor to the worldwide export market of automotive electronics because of the large electronics manufacturing base and the cost competitiveness of its labour workforce. The skilled technical workforce engaged in the industrial sectors and the flexible manufacturing capacity have resulted in a total export valuation of automotive electronics from the nation worth 1.8 billion US dollars in 2024. Subscribe to Import Globals, the leading Philippines import export trade provider, to stay updated with the latest information regarding the automotive electronics export of the nation via the Philippines trade data.

GOVERNMENT INITIATIVES SUPPORTING THE AUTOMOTIVE ELECTRONICS EXPORT OF THE PHILIPPINES IN 2024

The Philippine Economic Zone Authority has significantly lowered the cost of investment and manufacturing set up has boosted export capacity and competitiveness globally. The Create More Act has encouraged both domestic and foreign companies to invest actively in automotive electronics. It has enabled the country to have a stronger footprint in the global market.

The support and promotion of semiconductors has encouraged more firms to manufacture automotive electronics. The attraction of foreign direct investment has integrated the local firms into the global supply chains.

THE LEADING VARIANTS OF AUTOMOTIVE ELECTRONICS EXPORTED FROM THE PHILIPPINES IN 2024

The diversified electronics sector and the attractiveness of the country to foreign direct investment have led to a diversity in the global trade output. According to the [Philippines Export Data](#), the top 10 leading variants of automotive electronics exported from the nation in 2024 are,

- Wiring harness – The annual valuation of Wiring harness exported from the Philippines in 2024 – 242 million US dollars
- Insulated wires – The annual valuation of Insulated wires exported from the Philippines in 2024 – 186 million US dollars
- ECU modules– The annual valuation of ECU modules exported from the Philippines in 2024 – 154 million US dollars
- ICs / semiconductors – The annual valuation of ICs / semiconductors exported from the Philippines in 2024 – 121 million US dollars
- Connectors – The annual valuation of Connectors exported from the Philippines in 2024 – 98 million US dollars
- Switches/relays– The annual valuation of Switches/relays exported from the Philippines in 2024 – 76 million US dollars
- Lighting modules– The annual valuation of Lighting modules exported from the Philippines in 2024 – 68 million US dollars
- Sensors– The annual valuation of Sensors exported from the Philippines in 2024 – 54 million US dollars
- Battery modules– The annual valuation of Battery modules exported from the Philippines in 2024 – 48 million US dollars
- Electrical sub-assemblies– The annual valuation of Electrical sub-assemblies exported from the Philippines in 2024 – 39 million US dollars

TOP 10 EXPORT TRADE PARTNERS OF THE PHILIPPINES IN 2024

The potential capacity of the nation to bundle automotive electronics and the regulatory compliance credibility has maintained integrity with the topmost investing regions. As per the Philippines Customs Data, the top 10 export trade partners of the nation for automotive electronics export in 2024 are

- United States – The total valuation of automotive electronics exported from the Philippines to the United States in 2024 – 225 million US dollars

- ECU
- Top 5 variants of automotive electronics exported
- TCU
- BCM
- BMS
- ABS module
- Japan – The total valuation of automotive electronics exported from the Philippines to Japan in 2024 – 165 million US dollars

Top 5 variants of automotive electronics exported

- ESC module
- Airbag module
- Throttle module
- Fuel module
- Ignition module
- Hong Kong – The total valuation of automotive electronics exported from the Philippines to Hong Kong in 2024 – 124 million US dollars

Top 5 variants of automotive electronics exported

- MAF sensor
- O₂ sensor
- Crank sensor
- Cam sensor
- TPS sensor

Top 5 variants of automotive electronics exported

- Coolant sensor
- Oil sensor
- Knock sensor
- Wheel sensor
- TPMS sensor
- South Korea – The total valuation of automotive electronics exported from the Philippines to South Korea in 2024 – 92 million US dollars

Top 5 variants of automotive electronics exported

- Brake sensor
- Radar sensor
- Lidar sensor
- Ultrasonic sensor

- Camera sensor
- Thailand – The total valuation of automotive electronics exported from the Philippines to Thailand in 2024 – 87 million US dollars

Top 5 variants of automotive electronics exported

- Rain sensor
- Cabin sensor
- GPS module
- Infotainment unit
- Instrument cluster
- Singapore – The total valuation of automotive electronics exported from the Philippines to Singapore in 2024 – 76 million US dollars

Top 5 variants of automotive electronics exported

- Telematics module
- Bluetooth module
- USB interface
- Audio amp
- Lighting controller
- Netherlands – The total valuation of automotive electronics exported from the Philippines to the Netherlands in 2024 – 68 million US dollars

Top 5 variants of automotive electronics exported

- Adaptive headlight
- Ambient lighting
- Power window module
- Door lock module
- Seat module
- Taiwan – The total valuation of automotive electronics exported from the Philippines to Taiwan in 2024 – 59 million US dollars

Top 5 variants of automotive electronics exported

- HVAC module
- Fan controller
- Sunroof module
- EPS controller
- Suspension module

- Germany – The total valuation of automotive electronics exported from the Philippines to Germany in 2024 – 48 million US dollars

Top 5 variants of automotive electronics exported

- Cruise module
- ACC module
- Lane-Departure module
- Blind-Spot module
- Parking module