



TECHNOLOGY INTELLIGENCE SERVICE

Automotive ECU

Comprehensive examination of the total automotive electronic systems market, including 90 ECU families.

Real time access to a continuous flow of research across geographies, topics and application areas:

FEATURED TOPICS

- Total value of electronics in cars e.g. for up to 90 electronics modules in modern cars
- Understand and quantify impact of megatrends such as autonomy and electrification on ECU market
- Impact of new E/E architecture e.g. with domain controllers on the ECU market
- Emerging semiconductor and sensor technology enabling autonomous, connected and clean car
- Market share of >200 electronic system suppliers
- Region/country analysis of ECU design activity by ECU supplier

Market Insights

Frequent analyst commentary on product launches, market news and analysis.

Market Trackers

Historic and forecasted, delivered in Excel and accompanied by written analysis.

Analytical Database Tool

Tailored views of application equipment market data.

Report

Annual topical report addressing key focus areas with in-depth analysis on market and technology trends.

Analyst Access

For prompt responses to urgent and unique questions.

Clients of this Intelligence Service will receive:

Automotive ECU Market Database – offers shipment and revenue forecast analysis for about 90 families of ECUs and electronics modules across Infotainment & Telematics, ADAS, HEV-EV, Powertrain, Chassis & Safety, Body & Comfort electronics; updated annually.

Automotive ECU Supplier Market Share – offers detailed revenue market share analysis of top 200+ automotive electronic systems suppliers by automotive domain and sub-domain; delivered annually.

Automotive Electronics Semiconductor Consumption Database – gives a detailed overview of the semiconductor consumption, in value, by more than 200 Tier 1, with a geographic split by region/country of ECU design; updated annually.

Automotive electronics roadmap (report) – provides an outlook of the changes in electronics systems and architectures taking into considerations the requirements and challenges of the car of the future; delivered annually.

Research Coverage

Automotive Domains and Sub-domains (number of ECU types tracked by sub-domain)

ADAS / Autonomous Driving

Domain controller (3)
 Driver monitoring (2)
 Front view camera (2)
 LIDAR (2)
 Night vision (3)
 Park assistance (3)
 Radar (2)
 Surround-view (2)
 V2X (1)

Powertrain

Engine auxiliary (5)
 Engine management (1)
 Powertrain sensor modules (4)
 Transmission management (2)

Body & Convenience

Central body control (2)
 Climate control (4)
 Keyless entry (2)
 Lighting (4)
 Power systems (3)
 Other body & convenience sensors (5)

Infotainment & Telematics

Cockpit domain controller (1)
 Head unit (4)
 Instrumentation cluster (3)
 Telematics & connectivity (3)
 Other IVI (9)

Chassis & Safety

ABS/ESC – ECU (2)
 Active suspension (1)
 Airbag (2)
 Electric power steering (1)
 Electronic parking brake (1)
 TPMS (2)
 Other chassis & safety applications (2)

ECUs Include	Measures	Geography	Roadmap Report Content
ECUs Stand-alone PCBs Sensor Modules	Shipments Revenues ASP Market shares	ECU design 33 countries	Automotive megatrend impact electronics ECU architecture and networking trends by domain New systems and features enabled by semiconductors and sensors

Related Research

Automotive Semiconductor
 Automotive Sensor
 MEMS & Sensors
 Teardown – Automotive

For more information ihsmarket.com/technology

WORLDWIDE

T +1 844 301 7334

E technology_us@ihsmarket.com
technology_apac@ihsmarket.com
technology_emea@ihsmarket.com

About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 85 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.