

E/E and Semiconductor Service

The electronics content of a car continues to grow with increasing levels of autonomy, connectivity and electrification. As a result, Electric/Electronics architectures and semiconductors are rapidly evolving to manage the additional power consumption and weight, for example, through adoption of System-on-Chip (SoC) based domain controllers, new network topologies or more efficient power components based on Silicon Carbide.

IHS Markit's Electrics / Electronics (E/E) and Semiconductor Service provides insight, data and analytics for key technologies affecting vehicle electronics and architecture, electrical networks and semiconductor components.

Users can quickly gain insights into market developments, place events and technology trends in context, dive into granular forecasts, and seamlessly drive analytics to support the most challenging decisions.

Topics covered

- Future E/E architectures including domain and zone controllers
- In-vehicle networking technologies like Ethernet, CAN, FlexRay
- In-vehicle electrical architecture such as 48 V systems
- ECU and semiconductor shipment, revenue and supplier shares for the major domains comprising ADAS, Infotainment, Body, Powertrain, HEV-EV, Chassis & Safety
- Semiconductor ICs for E/E implementation: processing, control, memory and storage, sensing, networking and communication, and power management
- Sensor chips including image, radar, inertial, current, magnetic and pressure
- Model-level forecasts on domain controllers, central body control modules, engine ECU, transmission ecu, wiring harnesses.

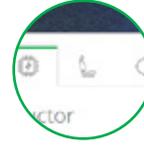
Planners and strategists use the service to:

- Assess and forecast new E/E and semiconductor technology growth
- Analyze competition and understand OEM purchasing strategies
- Evaluate customer technology adoption paths

Available through AutoTechInsight::



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The **E/E & Semiconductor Service** is part of a suite of vehicle component content services. Delivered through AutoTechInsight, an IHS Markit automotive strategy and planning solution, the service provides a view into current automotive trends and future demand through

- Sector news and insights
- Market forecasts databases
- Topical reports
- Supplier profiles
- OEM-Supplier relationships, both analyst and survey-based researched databases
- Access to analysts and webinars
- OEM-level and model-level forecasts, technology fitment, and supplier relationships (optional add-ons)

Schedule a demo: ihsmarkit.com/autotechinsight

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About IHS Markit (www.ihsmarkit.com)

IHS Markit (NYSE: INFO) is the automotive industry's leading source for marketwide insight, expertise, and advanced planning solutions. With a reputation of enabling better decisions and better results for nearly a century, the world's leading OEMs, suppliers, and their transportation partners rely on IHS Markit to power growth, improve efficiency, and drive a sustainable competitive advantage.

Our automotive offerings and expertise span every major market and the entire automotive value chain—from product planning to marketing, sales, and the aftermarket. Headquartered in London, our automotive team is part of IHS Markit's information and analytics powerhouse that includes more than 15,000 colleagues in 34 countries, covering energy, chemical, aerospace & defense, maritime, financial, technology, and media & telecommunications.