

## Automotive Has Become the Second Largest Application Market for Power Transistors, Says TrendForce

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TrendForce's latest research on the automotive electronics market finds that government policies worldwide to reduce carbon emissions have facilitated faster adoption of ICT-based solutions within the automotive industry. According to TrendForce's analysis, the global average value of analog ICs and power transistors for power management will come to US\$209 per vehicle in 2017, an increase of 11% from US\$188 in 2016. Furthermore, the automotive industry is projected to account for 23% of the total worldwide demand for power transistors this year. Automotive has become the second largest application for power transistors, while the industrial application is the leading source of market demand for the product.

Demand for analog ICs and power transistors is expanding as xEV batteries grow in capacity and deliver electricity in higher voltages

IDMs from Europe, Japan and the U.S. may pass on a portion of their automotive electronics orders to Taiwanese foundries

China's IC companies are laying the groundwork for a vertically integrated supply chain that can provide automotive products

### About TrendForce

TrendForce is a global provider of the latest development, insight, and analysis of the technology industry. Having served businesses for over a decade, the company has built up a strong base membership base of 435,000 subscribers. TrendForce has established a reputation as an organization that offers insightful and accurate analysis of the technology industry through five major research divisions: DRAMXchange, WitsView, LEDinside, EnergyTrend and Topology. Founded in Taipei, Taiwan in 2000, TrendForce has extended its presence in China since 2004 with offices in Shenzhen and Beijing. For more details about TrendForce, please visit [www.trendforce.com](http://www.trendforce.com)

#### Major research divisions:

**DRAMeXchange** focuses on memory, storage and the consumer electronics industry including PC DRAM, Mobile DRAM, Server DRAM, NAND Flash, SSD and smartphone.

**WitsView** offers comprehensive coverage of the display industry from upstream components, midstream panels/touch modules to downstream system integrators, brands and channels.

**LEDinside** covers all aspects of the LED supply chain from upstream equipment/materials, midstream chip/packaging to the downstream backlight and lighting market.

**EnergyTrend** specializes in green energy research, such as solar energy, lithium battery, energy storage systems and xEVs.

**Topology** studies structural trends of technology industries in the Greater China Region and beyond, focusing on semiconductors, photovoltaic technology, telecommunications, and IA.

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