The Future of Cars: A Review of ADAS Development in China

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Description:
Autonomous driving is the ultimate goal in the auto industry. Autonomous vehicles (also known as driverless cars/self-driving cars) rely on advancements in both telematics and automotive intelligence, but as telematics is more complicated, automotive intelligence has become mainstream, with ADAS (Advanced Driver Assistance System) as the core of its development. As the world's largest automobile market, China's Baidu released its first self-driving car at the 2nd World Internet Conference, marking an important milestone in China's autonomous driving and ADAS effort. This report takes a closer look at major player movements, industry development and future outlook of autonomous vehicles.

List of Topics

- Latest development of the ADAS in China, touching on the reasons for IoT and technology companies, for instance Baidu and Google, to be ahead of traditional carmakers in the race of automated driving
- Development of various sensors associated with automated driving, such as CCD/CMOS, millimeter radar, LiDAR, infrared sensor, ultrasonic radar and vision sensors, and includes China's development in aftermarket-based ADAS
- Development of ADAS regulations in the United States, Europe and Japan, and includes a brief summary of what have done and what will be done.
- Supply chain outline of China's automated driving industry, covering environment sensing systems, mapping information systems, ADAS, automotive electronics components, and internet of vehicles

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Companies Mentioned:
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