

# News Release

**FOR IMMEDIATE RELEASE**

## **Hitachi Automotive Systems' ADAS ECU Used in Nissan Motor's Upgraded Note**

**Tokyo, October 20, 2017** ---Hitachi Automotive Systems, Ltd. today announced that its Advanced Driver Assistance System Electronic Control Unit (ADAS ECU) was selected for use in Nissan Motor Co., Ltd.'s upgraded Note, which commenced sales in September 2017.

ADAS ECUs are core products of ADAS, and feature various integrated ADAS features such as Adaptive Cruise Control (ACC), collision mitigation braking, and lane departure warning systems, all within a single controller.

Hitachi Automotive Systems' ADAS ECU was developed based on the drive control technology accumulated through the development of the Engine Control Unit\* first installed in Nissan's 2009 Fuga, and thereafter equipped in several mass-produced vehicles. It has been used in Nissan's Note since 2013.

\* Engine Control Unit: A controller that, when controlling the engine using supporting electrical devices, comprehensively controls those parts and devices.

The upgraded Nissan Notes features several advanced safety technologies as either optional or standard features. These include Intelligent Cruise Control designed to mitigate the load on drivers when driving long distances on expressways, a Lane Departure Warning System (Intelligent LI) that assists drivers in returning the vehicle to its travelling lane in case of an unintentional lane departure, and a Collision Mitigation avoidance assistance for drivers who accidentally press the accelerator pedal instead of the brake pedal. Hitachi Automotive Systems supports all these functions with its ADAS ECU.

With the enhancement of these advanced safety technologies, Nissan Motor's upgraded Note now places in the Safety Support Car S Wide Division, the top class of a safety classification system promoted by the Ministry of Economy, Trade and Industry, and the Ministry of Land, Infrastructure, Transport and Tourism.

Moving forward, Hitachi Automotive Systems will continue to support the practical application and increased adoption of ADAS-equipped vehicles produced by automotive manufacturers.



The upgraded Nissan Note  
(Nissan Note e-POWER MEDALIST in Black Alloy)



ADAS ECU

**About Hitachi Automotive Systems, Ltd.**

Hitachi Automotive Systems, Ltd. is a wholly owned subsidiary of Hitachi, Ltd., headquartered in Tokyo, Japan. The company is engaged in the development, manufacture, sales and services of automotive components, transportation related components, industrial machines and systems, and offers a wide range of automotive systems including engine management systems, electric power train systems, drive control systems and car information systems. For more information, please visit the company's website at <http://www.hitachi-automotive.co.jp/en/>.

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