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STMicroelectronics and Hyundai Autron Launch Development Lab for Eco-Friendly Automotive Solutions

Joint efforts will advance hybrid/electric vehicle-related semiconductor technology and emphasize transition from research to production

Geneva, Switzerland, February 4, 2019 – STMicroelectronics (NYSE: STM), a global semiconductor leader serving customers across the spectrum of electronics applications, has worked with Hyundai Autron to outfit and open a joint development lab in Seoul, Korea. The Autron-ST Development Lab (ASDL) provides an environment for engineers from both companies to collaborate on pioneering solutions for eco-friendly vehicles, with a focus on powertrain controllers.

Bolstering the competitive edge of both ST and Hyundai Autron, the ASDL builds on the cooperation in place for more than 5 years and strengthens and accelerates the efficiency of developing next-generation products for automotive customers to meet challenging quality and performance requirements.

"The joint development lab with Hyundai Autron builds on the success of our initial collaboration on automotive electronic control systems and advances our vision for the near future of Smart Driving," said Jerome Roux, Executive Vice President, Sales & Marketing for Asia Pacific, STMicroelectronics. *"We are excited to continue our strong collaboration with Hyundai Autron supporting the achievement of their goals using ST's extensive semiconductor technology and expertise for automotive applications."*

Hyundai Autron was first launched in 2012, as a controller, software, and semiconductor R&D wing of Hyundai Motor Group. It has developed semiconductors for powertrain controllers and battery management controllers, designed into high-volume Hyundai vehicles such as the Elantra. In this domain, Hyundai Autron and ST have jointly developed a semiconductor for Valve

Controlled Injection¹ (VCI), used in the Hyundai Kona. Hyundai Autron has also been expanding its R&D efforts to support the increased demand for eco-friendly vehicles, self-driving cars and connectivity technology.

With increasing demand for safer, greener, and more connected vehicles, the requirement for automotive semiconductors is expected to grow continuously. Propelled by electrification and commercialization of assisted-driving features in volume, with autonomous driving coming in the longer term, the number of semiconductors used in a single car is expected to increase significantly.

About STMicroelectronics

ST is a global semiconductor leader delivering intelligent and energy-efficient products and solutions that power the electronics at the heart of everyday life. ST's products are found everywhere today, and together with our customers, we are enabling smarter driving and smarter factories, cities and homes, along with the next generation of mobile and Internet of Things devices.

By getting more from technology to get more from life, ST stands for life.augmented.

In 2018, the Company's net revenues were \$9.66 billion, serving more than 100,000 customers worldwide. Further information can be found at www.st.com.

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¹ Valve Controlled Injection: A technology that controls the amount and time of fuel injection to compensate for any discrepancies occurred during the fuel multi-point injection to optimize the drive performance and fuel efficiency. It also contributes to reducing emissions and fine-dust.