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## **STMicroelectronics and Audi AG Cooperate to Develop and Deliver Next-Generation Automotive Exterior Lighting Solutions**

- *Next-generation lighting design will enable more customized and animated lighting patterns through control of hundreds of individual OLEDs*
- *Technology will give unique design styling to Audi cars and provide additional value in safety to customers*

**Geneva, Switzerland, October 29, 2019 – STMicroelectronics (NYSE: STM)**, a global semiconductor leader serving customers across the spectrum of electronics applications, announced its collaborative efforts with **Audi AG (FWB: NSU)**, among the most successful automobile manufacturers in the premium segment, to conceive, design, industrialize, manufacture, and deliver the next generation of innovative automotive exterior OLED lighting. The first demonstration of this effort was the showing of next-generation digital OLED technology presented by Audi at the 2019 International Symposium on Automotive Lighting (ISAL). The parties target to release this new technology in future car models of the Audi AG.

ST has been a member of Audi's Progressive Semiconductor Program (PSCP) since 2012, with the long-term strategic relationship initially focusing on reduction of CO2 emissions, safety and security, and infotainment and comfort.

The current cooperation expands the relationship and builds on Audi's creativity and success in automotive lighting solutions and ST's broad expertise in automotive semiconductors, and specifically controllers and drivers for automotive lighting applications. The next-generation lighting design will enable more customized and animated lighting patterns, by controlling and diagnosing hundreds of individual OLEDs. In addition to the flexibility to give unique design styling to Audi cars, the animated patterns will provide additional value in safety to customers.

In the recent ISAL demonstration presented by Audi, ST contributed a complete plug-and-play system to control and continuously adjust the brightness of the numerous individually energized OLED pixels by means of an innovative high-speed automotive communication layer, specifically adapted by ST for lighting architecture and embedded in the actuator IC.

*"With Audi's long history of innovation and success in the premium automotive market, it was important to work with a semiconductor company who could bring*

*their expertise in converting our ideas into robust, reliable chips that would meet our customers' demanding expectations,"* said Dr. Klaus Büttner, Executive Vice President Electrics/Electronics, CarlIT of the Audi AG.

*"Having worked closely with Audi for many years, ST has had the opportunity to lend our expertise, customer focus, and manufacturing reliability to many products in their outstanding vehicles; we know the quality and creativity they demand and appreciate Audi's continued confidence and the recognition of our contributions that this new cooperation represents,"* said Marco Monti, President, Automotive and Discrete Group, STMicroelectronics.

Please visit [www.st.com/auto-led-drivers](http://www.st.com/auto-led-drivers) to watch our video on digital OLED technology enabled by tailored multi-channel high-side driver ICs.

### **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](http://www.st.com).

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