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STMicroelectronics Breaks Major Milestone for ST33 Secure Chips with Over One Billion Sold to Secure the Connected World

- ❖ *ST33 secure element combines strong cyber-protection with innovative configuration for next-gen applications*
- ❖ *Pioneer and leader of new device classes including eSIM, eSE, and TPM*

Geneva, February 18, 2019 – STMicroelectronics (NYSE: STM), a global semiconductor leader serving customers across the spectrum of electronics applications, has recorded cumulative sales of over one billion units for its ST33 embedded-security ICs.

The popularity of the [ST33 family](#) reflects the growing imperative to protect data and systems in secure mobile-consumer, smart-driving, smart-industry and smart-cities applications. Based on a common certified secure platform featuring state-of-the-art cyber protection, the ST33 family's flexible architecture has enabled ST to lead the development of new classes of security chips including embedded SIMs (eSIMs), embedded Secure Elements (eSEs), and Trusted Platform Modules (TPMs). These provide hardened security in design-in- and user-friendly form factors, combining convenience with strong resistance to cyber-attacks.

“ST33 chips have driven the evolution of embedded security for the ubiquitous connected smart objects such as smartphones, wearables, and IoT devices that make today's world work,” said Laurent Degauque, Marketing Director, Secure Microcontroller Division, STMicroelectronics. *“As the first such devices to adopt the advanced Arm® SecurCore® SC300 secure processor, and with the advantage of our flexible architecture and advanced Flash technology, the family has consistently provided protection that meets the highest industry standards¹ while enabling the integration of new features such as interfaces and accelerators to support emerging use cases.”*

¹ ST33 device variants meet high security standards spanning mobile payments, e-government, IT and other industries, including ISO 15408 CC EAL 5+, EMVCo, Federal Information Processing Standards (FIPS), GSMA Remote SIM Provisioning.

The ST33 is the embedded-security platform chosen by SIM vendors, Operating System developers, and major Tier-1 manufacturers producing equipment such as smartphones, wearables, security readers, desktop PCs and servers. ST33 secure chips have been selected by major smartphone OEMs to deploy new eSIM based devices, taking advantage of a smaller and thinner WLCSP (Wafer Level Chip Scale Package) package and GSMA-compliant Personalization-on-Wafer industrial flow.

In 2018, ST was the first chip manufacturer to earn the GSMA SAS-UP (Security Accreditation Scheme for UICC Production) certification to personalize [ST33 eSIMs](#) for mobiles and connected IoT devices with no further programming required by the OEMs.

ST33 secure microcontrollers are available in a wide range of variants offering a choice of features including connectivity to an NFC controller, hardware accelerators for advanced cryptographic functions, as well as industry-grade and automotive-grade qualifications.

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.

For more information please contact:

STMicroelectronics

Michael Markowitz

Director Technical Media Relations

Michael.Markowitz@st.com

+1 781 591 0354