

Press Release

Infineon Austria Security Components support Samsung Galaxy S7 and Galaxy A smartphone series

Munich, Germany, and Barcelona, Spain – February 22, 2016 – Where smartphone manufacturers differentiate their offers in a highly competitive market through either security or performance, Samsung chooses both. The world market leader builds its new Samsung Galaxy S7 and Galaxy A devices with security and RF (radio frequency) components from Infineon.

Smartphone owners benefit from low noise amplifiers (LNA) to antenna tuners and RF switches enhancing the data rate and reducing power consumption. Furthermore, embedded Secure Element (eSE) chips protect security-critical functionalities of the mobile device. They enable secured transfer of sensitive payment credentials for contactless payment, convenient biometric authentication of the user and new applications such as mobile ticketing. The Infineon Development Center in Graz is mainly responsible for developing this embedded secure element (eSE). This is a contact, high-security chip with 1.5 MB memory; a very high storage capacity for semiconductors in this functional area.

The Samsung Galaxy S7 is Samsung's latest premium smartphone introduced at [Mobile World Congress 2016](#). The Galaxy A devices were already launched in December 2015 and are being rolled out worldwide.

Trailblazer for mobile payment

Embedded Secure Elements are becoming a mainstream security solution for NFC (Near Field Communication) applications. According to IHS estimates the number of smartphones shipped with embedded NFC secure Elements is projected to increase from 427 million today to 1,620 million in 2020 (NFC Report

2015). Consumers' ease-of-use and trust in secured mobile services is expected to significantly increase the acceptance of mobile payment.

About Infineon Austria

Infineon Technologies Austria AG is a group company of Infineon Technologies AG, a worldwide leading supplier of semiconductor solutions to make life more simple, secure and more environmentally friendly. Micro-electronics by Infineon reduces the energy consumption of consumer electronics, household devices and industrial installations. It contributes considerably to the comfort, safety and sustainability of vehicles and provides secure transactions in a connected world.

Besides Germany, Infineon Austria is the only site capable of meeting competencies for research & development, production as well as global business responsibility. Its headquarters is based in Villach, further branches are located in Graz, Klagenfurt, Linz and Vienna. With about 3,500 employees (1,300 of whom are in research & development) from around 60 nations, the company achieved a turnover of €1.4 billion in the 2015 fiscal year (ending in September). Infineon Austria is the most research oriented company in Austria with a research quota of 25% of the total turnover.

Further information at www.infineon.com/austria

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