



## **Samsung Showcases Exynos 8 Octa at MWC 2016, its Cutting-edge Processor that Powers Samsung Galaxy S7 and S7 edge**

**BARCELONA, Spain – February 22, 2016** – Samsung Electronics, a world leader in advanced semiconductor technology, announced that the Exynos 8 Octa, its 2nd generation premium mobile processor on 14nm FinFET technology, will power the latest Samsung Galaxy S7 and S7 edge.

“The continuous adoption of our Exynos processors in flagship smartphone models like the Galaxy S7 and S7 edge underscores our technology leadership in the mobile SoC sector,” said Ben K. Hur, Vice President of marketing, System LSI Business at Samsung Electronics. “Integrating custom-designed CPU cores for unrivalled performance and incredibly fast LTE Cat. 12/13 modem, the new Exynos 8 Octa will bring the most exciting mobile experience to Galaxy S7 users.”

The 64-bit custom CPU cores in the Exynos 8 Octa have been designed to deliver unparalleled performance and power efficiency. Built on Samsung’s 2nd generation 14nm FinFET process, the Exynos 8 Octa delivers improvements in performance by more than 30 percent and in power efficiency by 10 percent, compared to its predecessor, the Exynos 7 Octa 7420.

The Exynos 8 Octa also integrates the most advanced LTE Rel.12 Cat.12/13 modem for cutting-edge speed in connectivity. It offers downlink speed of up to 600Mbps (Cat.12) and an upload speed of up to 150Mbps (Cat.13) with carrier aggregation, which will transform mobile user experience.

The Exynos 8 Octa will be shown at Samsung’s booth, Hall 2, Booth 2F21 at Mobile World Congress 2016 from February 22 to 25 in Fira Gran Via, Barcelona, Spain, along with other Exynos products including the recently introduced Exynos 7 Octa 7870.

### **About Samsung Electronics Co., Ltd.**

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies that redefine the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, printers, medical equipment, network systems, and semiconductor and LED solutions. We are also leading in the Internet of Things space with the open platform SmartThings, our broad range of smart devices, and through proactive cross-industry collaboration. We employ 319,000 people across 84 countries with annual sales of US \$196 billion. To discover more, and for the latest news, feature articles and press material, please visit the Samsung Newsroom at [news.samsung.com](http://news.samsung.com).