



## **LG V20, WORLD'S FIRST SMARTPHONE WITH QUAD DAC FOR BEST IN CLASS AUDIO**

*LG and ESS Technology Collaborate to Deliver One-of-a-Kind Audio Experience*

**ENGLEWOOD CLIFFS N.J., Aug. 11, 2016** — LG Electronics (LG) announced that its forthcoming flagship smartphone, LG V20, will be the first smartphone in the industry to feature 32-bit Hi-Fi Quad DAC (digital to analog converter) capabilities, bringing a superior audio experience to mobile for the very first time.

A Quad DAC delivers a crisp and clear sound that up-samples music whether it is saved on the V20, streaming or even from the audio track of a video, when using compatible wired headphones. In fact, the sound is superior to that produced by a traditional DAC as it can reduce up to 50 percent of ambient noise levels.

LG worked closely with ESS Technology, a leader in high-performance analog and audio devices, to ensure that the Quad DAC, will deliver the best audio experience for owners of the LG V20. The Quad DAC is the lynchpin of the many cutting-edge multimedia features included in the LG V20. ESS Technology previously provided its 32-bit Hi-Fi DAC in the V10, LG V20's predecessor.

“As smartphones mature, we’re seeing more and more customers looking beyond just fast processors and big displays in their devices,” said Juno Cho, president of LG Electronics and Mobile Communications Company. “Higher quality audio is simply the natural evolution of the smartphone, as the industry moves toward a more holistic multimedia consumption experience. We’re pleased to continue this long-term partnership with ESS and bring best in class audio to LG V20 users.”



“We are extremely excited that our Quad DAC technology will be featured in the V20, LG’s latest flagship smartphone for consumers who demand the best media experience,” said Robert Blair, president and chief executive officer of ESS Technology. “As a technology more typically available in high-end audio equipment, Quad DAC on the V20 will make users feel as if they are carrying around a professional home-audio system on their smartphone.”

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**About LG Electronics MobileComm USA, Inc.**

LG Electronics MobileComm, based in Englewood Cliffs, N.J., is the U.S. sales subsidiary of LG Electronics, Inc. a global innovator and trend leader in the global mobile communications industry. LG is driving the evolution of mobile forward with its highly competitive core technologies in the areas of display, battery and camera optics and strategic partnerships with noted industry leaders. LG's consumer-centric products — including the flagship premium G Series models — incorporate unique, ergonomic designs and intuitive UX features that enhance the user experience. The company remains committed to leading consumers into the era of convergence, maximizing inter-device connectivity between smartphones, tablets and a wide range of home and portable electronics products. For more information, please visit [www.LG.com](http://www.LG.com).

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**About ESS Technology**

For more than three decades ESS Technology has been on the cutting edge of audio technology. A privately held fabless semiconductor company, ESS Technology designs and markets high-performance analog and HiFi audio devices for mobile, consumer, automotive, and professional audiophile systems. The company was founded in 1984 and today ESS Technology is best known for its SABRE series of high-performance audio products. For more information, visit <http://www.esstech.com>.

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