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## **Waves Nx VR Audio Technology Now Available for Cadence Tensilica HiFi Audio DSPs**

*MaxxVoice enhanced with far-field pickup*

**SAN JOSE, Calif. & KNOXVILLE, Tenn., February 23, 2017-** Cadence Design Systems, Inc. (NASDAQ: CDNS) and Waves Audio Ltd., the world-leading developer of audio DSP technologies, today announced the availability of the Waves Nx Virtual Reality Audio Technology on the Cadence® Tensilica® HiFi 3 DSP for Audio, Voice, and Speech. The Waves Nx solution, which delivers high-quality VR audio and true 5.1 or 7.1 surround with a minimal resource footprint, will be demonstrated at the Cadence booth at Mobile World Congress in Barcelona, February 27 to March 2, 2017, in Hall 6, Stand 6L36.

In addition, updated versions of Waves' award-winning MaxxAudio® and MaxxVoice™ suites are also available on the Tensilica HiFi 3 DSP. The updated algorithms within the MaxxVoice suite are designed to enable cutting-edge far-field speech interactions for devices with speech recognition capabilities. MaxxVoice delivers state-of-the-art acoustic echo cancellation and adaptive background noise reduction that allows for intelligible, noise-free conversations, making MaxxVoice the ideal audio enhancement for automated assistants and IoT devices.

“We consider Waves Nx and far-field pickup availability on the Tensilica HiFi 3 DSPs to be real game changers,” said Tomer Elbaz, EVP & GM, Consumer Electronics Division of Waves Audio. “The Tensilica HiFi DSPs deliver superior audio quality with the best possible battery performance, enabling state-of-the-art audio functionality when executing sophisticated audio processes such as Waves Nx. Together, they bring the most advanced headphones enhancement available to an affordable and efficient DSP platform.”

“The Tensilica HiFi DSP product line has always been geared towards delivering the best possible performance for audio and voice processes and maximizing these capabilities in consumer devices,” said Larry Przywara, group director of Audio/Voice IP marketing at

Cadence. “Waves Nx and the enhanced far-field pickup features are a significant addition to the ever-expanding arsenal of audio and voice software solutions available on HiFi DSPs.”

Tensilica HiFi DSPs are the most widely licensed audio/voice/speech processors, with support for over 200 proven software packages and more than 85 software partners in the Tensilica Xtensions™ partner program. More than 75 top-tier semiconductor companies and system OEMs have selected Tensilica HiFi DSPs for their audio, voice and speech products. For more information on the HiFi DSP family, visit <https://www.cadence.com/go/HiFi>.

To learn more about Waves Nx or experience an online demo, visit [www.waves.com/nx](http://www.waves.com/nx).

For more information on the MaxxVoice and MaxxAudio technologies, please visit [www.maxx.com/technologies](http://www.maxx.com/technologies).

Cadence is a leading provider of intellectual property (IP) for system on chip (SoC) developers. Cadence design IP, verification IP, and Tensilica® processor IP have been used to simplify the design and verification of thousands of SoCs across automotive, mobile, enterprise, internet of things (IoT), and consumer applications. Cadence® IP plays a vital role in the company’s overarching system design enablement strategy, which is to provide a comprehensive set of tools, design content, and services for the development of innovative electronic systems.

### **About Cadence**

Cadence enables global electronic design innovation and plays an essential role in the creation of today’s integrated circuits and electronics. Customers use Cadence software, hardware, IP and services to design and verify advanced semiconductors, consumer electronics, networking and telecommunications equipment, and computer systems. The company is headquartered in San Jose, Calif., with sales offices, design centers and research facilities around the world to serve the global electronics industry. More information about the company, its products and its services is available at [www.cadence.com](http://www.cadence.com).

### **About Waves Audio Ltd.**

Waves is the world’s-leading developer of audio DSP technologies and the driving power behind hit records, major motion pictures and popular video games the world over. A

recipient of a Technical GRAMMY® Award, Waves is acclaimed by top professional. More than 400,000 recording studios, mixing and mastering facilities use Waves' portfolio of cutting edge technologies on a daily basis to create top-selling music, movies and games. Waves' professional technologies, 25 years of expertise, and passion for sound are now utilized to meet mobile audio challenges and deliver premium audio experiences on consumer electronics devices.

For more information, please visit <http://www.waves.com> or connect with us on Twitter @WavesAudioLtd

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