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Waves Audio Announces Its First Chip To Bring Virtual Reality Audio Capabilities To Any Headphone and Headset

At Mobile World Congress 2017, Waves and Realtek to Unveil the Co-Developed WNX7000, World's First Integrated Circuit with Waves Nx Virtual Reality Audio Technology Embedded

BARCELONA, SPAIN - February 27, 2017 - Waves Audio, a global leader in audio DSP technologies, today announced its first ever integrated circuit (IC) with Waves Nx Virtual Reality Audio capabilities embedded. The company co-developed WNX7000 in partnership with Realtek Semiconductor Corp. (Taiwan Stock Exchange: 2379.TW), one of the world's leading network and multimedia IC providers. WNX7000 a High Definition Audio DSP embedded with Waves Nx technology, combines Realtek's - market-leading audio codec technology and Waves professional audio algorithmic capabilities, making it the ideal solution for any manufacturer interested in developing headphones or headsets capable of providing immersive, virtual reality audio experiences for customers.

The WNX7000 is designed to meet the evolving needs of the consumer electronics market and to bring virtual reality audio over headphones capabilities into any device capable of playing audio. WNX7000 is a complete Low Power DSP & Codec Hub audio solution with an integrated headphone amplifier. The high quality components provided by Realtek coupled with Waves' state-of-the-art Waves Nx audio processor will enable any device to faithfully reproduce 5.1 and 7.1 surround and virtual reality audio content over regular stereo headphones, enriching the end-user's audio experience.

"WNX7000 is the ultimate top-tier audio performance enabler for any category of consumer audio devices" says Tomer Elbaz, EVP & GM Consumer Electronics Division of Waves Audio. "It is a one-stop solution for headphones and any device using it will be capable of delivering the highest quality 3D audio with head tracking. We're confident we'll be seeing many top-tier gaming and multimedia headphones built around this component in the very near future."

"Realtek Audio DSP solutions enable exceptional audio systems with high-performance specification yielding a high-quality listening experience," said Realtek Vice President and Spokesman, Yee-Wei Huang. "When we partnered with Waves Audio to integrate their innovative VR audio capabilities on the new WNX7000 by leveraging our well-received Realtek audio DSP solutions, it quickly became clear that this would become a must have feature on headphones."

To learn more about WNX7000 and Waves Nx visit Waves at Mobile World Congress 2017 in Barcelona, Spain. To schedule a meeting please contact: consumer@waves.com.

Benefits of Waves Nx on WNX7000

- Waves Nx is a new, listening experience that provides the best sounding virtual reality audio using just headphones.
- Waves Nx adds 3D audio to any content. It doesn't require music, video or games to be specially encoded.
- Waves Nx on WNX7000 allows playback of 5.1 or 7.1 content using stereo headphones, realistically replicating the sound of several surrounding speakers using just your headphones.
- Waves Nx is user-centric and can provide VR audio no matter where you are seated or how your head is positioned. With Waves Nx you can take your 5.1 or 7.1 surround sound home theater with you on the road or simply lying in bed.
- Waves Nx on WNX7000 runs more efficiently and allows reducing the processing load on the device's main processor, thus increasing battery life and reducing power usage.
- WNX7000 is a complete all-in-one audio solution using reliable, high-quality components.

To learn more about Waves Nx or experience an online demo visit: www.waves.com/nx.

About Waves Audio
Waves is the world-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 and prosumer users worldwide. 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

About Realtek

Realtek Semiconductor Corporation is a world-leading IC provider that designs and develops a wide range of IC products for communications network, computer peripheral, and multimedia applications. Products include 10/100/1000M Ethernet Controllers/PHYs, 10/100/1000M Ethernet Switch Controllers/Media Converter Controllers/Gateway Controllers, Wireless LAN Controllers & AP/Router SoCs, xDSL, VoIP Solutions, Bluetooth, xPON, IoT Solutions, Automotive Ethernet Solutions, High Fidelity Audio Solutions for Consumer and PC Applications, Card Reader Controllers, Web Camera Controllers, LCD Monitor/ATV/DTV Controllers, and Digital Home Center Controllers. With advanced design expertise in RF, analog, and mixed signal circuits, and with strong manufacturing and system knowledge, Realtek offers full-featured, high-performance, and competitive total solutions. More information on Realtek can be found on our website: www.realtek.com

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