

QuickLogic Collaborates with Shenzhen Horn Audio Company to Develop Bluetooth Headset Reference Design

- **Supports Amazon Alexa using always-on listening technology**
- **Compatible with both Apple and Android smartphones and tablets**

SUNNYVALE, Calif., Feb. 26, 2018 /PRNewswire/ -- QuickLogic Corporation (NASDAQ: QUIK), a developer of ultra-low power multi-core voice-enabled SoCs, embedded FPGA IP, display bridge and programmable logic solutions, announced it has partnered with Shenzhen Horn Audio Co., Ltd. to deliver a Bluetooth®-enabled headset reference design supporting the Amazon Alexa Voice Services (AVS) for both Apple and Android smartphones and tablets. Based on QuickLogic's [EOS™ S3](#) Voice and Sensor Processing Platform, the new reference design features advanced always-on and always-listening voice processing capabilities with the industry's lowest power consumption.



The new reference design, which connects to an iOS app over Bluetooth Classic, allows the headset to be used with Apple products including smartphones and tablets.

"QuickLogic's EOS S3 is a unique and powerful voice processing platform," said Wendell Wen VP of research and development at Shenzhen Horn. "Its advanced voice recognition capabilities and ultra-low power consumption make it a perfect fit for this Bluetooth-enabled headset reference design."

"This reference design demonstrates what can be achieved by combining innovative hearable technology with ultra-low power voice recognition and Amazon's Alexa service," said Scott Haylock, director of product marketing at QuickLogic. "This flexible and powerful reference design will enable both existing and prospective customers to achieve the highest performance and more easily ramp their designs into volume production."

About QuickLogic

QuickLogic Corporation (NASDAQ: QUIK) enables OEMs to maximize battery life for highly differentiated, immersive user experiences with Smartphone, Wearable and IoT devices. QuickLogic delivers these benefits through industry leading ultra-low power customer programmable SoC semiconductor solutions, embedded software, and algorithms for always-on voice and sensor processing. The company's embedded FPGA initiative also enables SoC designers to easily implement post production changes, and increase revenue

by providing hardware programmability to their end customers. For more information about QuickLogic, visit www.quicklogic.com.

About Shenzhen Horn

Shenzhen Horn is a total solution company for audio products based in Shenzhen, China. Since 2001, Horn has been supplying major brands with new audio product designs, affordable manufacturing, and reliable supply chain management solutions. For more information, please visit <http://www.szhorn.com>.

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