Climax Chooses QuickLogic EOS S3 Sensor Processing Platform for Smart Home Product

- *Enables local, fast response voice processing*
- *Reduces dependency on cloud-base voice recognition*
- *Decreases power consumption and increases battery life*

SUNNYVALE, Calif., Dec. 12, 2017 (GLOBE NEWSWIRE) -- QuickLogic Corporation (NASDAQ:QUIK), a developer of ultra-low power multi-core voice-enabled SoCs, embedded FPGA IP, display bridge and programmable logic solutions, today announced that Climax Technology Company, LTD has selected its EOS™ Sensor Processing Platform for the next generation of their "Voice Extender" smart home / senior care product. Climax Technology designs and manufactures complete smart home security and senior care solutions, providing comprehensive home security, home automation, medical alarm, live visual monitoring, energy management, and 24/7 emergency monitoring to assist users to build a safer, healthier living space. The Voice Extender product enables users to open a two-way voice communication channel with monitoring personnel in the event of an emergency by simply pushing a button. The next generation product will add voice-activated commands in addition to push-button access, dramatically increasing its usefulness for emergency situations.

QuickLogic's EOS S3 sensor processing System-on-Chip (SoC) is a multi-core sensor processing system that enables a vast array of sensor-based functionality for applications such as smart home systems. The platform's dedicated voice processing architecture enables "always on" voice applications with extremely low power consumption.

In the Climax application, the EOS S3 processor platform provides local on-device voice processing with Sensory TrulyHandsfree™ technology, enabling the Voice Extender product to become voice-activated. The QuickLogic solution reduces power consumption and the latency associated with cloud-based voice processing while simultaneously eliminating the need for a user to push a button to open a communications channel with support personnel. Additional features of the EOS S3 platform will be used to support Zigbee/Z-Wave communications and future versions of the product will likely support environmental sensing using the platform's sensor processing capabilities.

"The Climax development team has recognized the importance of the global trend towards voice-activated systems and we are proud that they have chosen QuickLogic and Sensory technology to implement that capability for their next-generation Voice Extender product," said Brian Faith, QuickLogic's president and CEO.

"We are impressed by the wide range of capabilities and the ultra-low power consumption of the QuickLogic EOS S3 platform," said Michael Chang, president of Climax. "Together with

QuickLogic, we will be able to increase our product's functionality as we continuously strive to design products with superior quality and performance, assisting families to stay healthy, safe, and comfortable."

Availability:
QuickLogic's EOS S3 Sensor Processing SoC and design tools are available today. For additional information, please visit www.quicklogic.com/platforms/sensor-processing/eos. The Climax Voice Recognition Call Point device series is under development and is expected to be available in calendar Q1 of 2018.

About QuickLogic
QuickLogic Corporation (NASDAQ:QUIK) enables OEMs to maximize battery life for highly differentiated, immersive user experiences with Smartphone, Wearable, Hearable and IoT devices. QuickLogic delivers these benefits through industry leading ultra-low power customer programmable SoC semiconductor solutions, embedded software, and algorithm solutions 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, please visit www.quicklogic.com.

About Climax
Climax Technology is a security, telecare, and smart home complete-solutions provider that integrate wireless security, senior care, home automation, energy management, emergency monitoring, and live visual monitoring into innovative all-in-one solutions. For over three decades, Climax has applied its expertise in telecommunications and wireless radio frequency (RF) technologies to develop security features, such as world-leading 2-km RF range, VOIP, and reliable communications, into our security, senior care, and smart home solutions. Our company has relentlessly pursued perfection in technology, production, value and service with the objective of providing the best protection and care for every home and individual. For more information about Climax, visit www.climax.com.tw.

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