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Resonant Expands Relationship with its Largest Tier 1 Customer

Confidence Driven by Increased Traction with Phone OEMs Contributes to Expansion of Licensing Agreement

Adds Two New Duplexers Targeted to Support the Growing Needs of the Chinese Market

GOLETA, CA -- (Marketwired) -- 02/08/18 -- Resonant Inc. (NASDAQ: RESN), a designer of filters for radio frequency, or RF, front-ends that specializes in delivering designs for difficult bands and complex modules today announced it has signed an extension to a licensing agreement with an existing Tier 1 filter customer.

The expanded licensing agreement, which follows the Tier 1's continued traction with phone OEMs, covers the addition of two high-value duplexers. The designs, which leverage Resonant's Infinite Synthesized Network® (ISN®) software platform, are high average sales price, high-volume duplexers which are being designed in temperature compensated surface acoustic wave (TC-SAW). Upfront payments and licensing terms have been agreed upon, but will not be disclosed due to the confidential nature of such agreements.

"The expansion of this licensing agreement with our original Tier 1 customer reflects their continued confidence in Resonant's platform of team, ISN® tools and RF front-end technology, while showcasing our ability to deliver solutions with more demanding filter structures," said George Holmes, CEO of Resonant Inc. "We believe these additional projects highlight our customer's continued design conversions with their OEM customers, which are requiring even more complex designs and processes with higher selling prices. In addition, their focus on the Chinese market for these new designs suggests even higher-volume, and the potential for more significant royalties for Resonant."

About Resonant Inc.

Resonant is creating software tools and IP & licensable blocks that enable the development of innovative filter designs and modules for the RF front-end, or RFFE, for the mobile device industry. The RFFE is the circuitry in a mobile device responsible for the radio frequency signal processing and is located between the device's antenna and its digital baseband. Filters are a critical component of the RFFE that selects the desired radio frequency signals and rejects unwanted signals and noise.

To learn more about Resonant, there is a series of videos published on its website that explain Resonant's technologies and market positioning:

- [**Infinite Synthesized Networks, ISN Explained**](#)

- [What is an RF Filter?](#)
- [RF Filter Innovation](#)
- [Transforming the Mobile Filter Supply Chain](#)

For more information, please visit www.resonant.com.

About Resonant's ISN® Technology

Resonant can create designs for difficult bands and complex requirements that we believe have the potential to be manufactured for half the cost and developed in half the time of traditional approaches. The Company's large suite of proprietary mathematical methods, software design tools and network synthesis techniques enable it to explore a much bigger set of possible solutions and quickly derive the better ones. These improved filters still use existing manufacturing methods (i.e. SAW) and can perform as well as those using higher cost methods (i.e. BAW). While most of the industry designs surface acoustic wave filters using a coupling-of-modes model, Resonant uses circuit models and physical models. Circuit models are computationally much faster, and physical models are highly accurate models based entirely on fundamental material properties and dimensions. Resonant's method delivers excellent predictability, enabling achievement of the desired product performance in roughly half as many turns through the fab. In addition, because Resonant's models are fundamental, integration with its foundry and fab customers is eased because its models speak the "fab language" of basic material properties and dimensions.

Safe Harbor/ Forward-Looking Statements

This press release contains forward-looking statements, which include the following subjects, among others: the status of filter designs under development, the capabilities of our filter designs, our customer's design conversions with their OEM customers, and the timing and amount of future royalty streams. Forward-looking statements are made as of the date of this document and are inherently subject to risks and uncertainties which could cause actual results to differ materially from those in the forward-looking statements, including, without limitation, the following: our limited operating history; our ability to complete designs that meet customer specifications; the ability of our customers (or their manufacturers) to fabricate our designs in commercial quantities; our customers' ability to sell products incorporating our designs to their OEM customers; the ability of our designs to significantly lower costs compared to other designs and solutions; the risk that the intense competition and rapid technological change in our industry renders our designs less useful or obsolete; our ability to find, recruit and retain the highly skilled personnel required for our design process in sufficient numbers to support our growth; our ability to manage growth; and general market, economic and business conditions. Additional factors that could cause actual results to differ materially from those anticipated by our forward-looking statements are under the captions "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our most recent Annual Report (Form 10-K) or Quarterly Report (Form 10-Q) filed with the Securities and Exchange Commission. Forward-looking statements are made as of the date of this release, and we expressly disclaim any obligation or undertaking to update forward-looking statements.

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Source: Resonant Inc.