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Resonant Announces Founding Members of ISN Foundry Program

Continues to Develop Fabless Filter Eco-System

GOLETA, CA -- (Marketwired) -- 01/18/18 -- 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 requirements, today announced the founding members of its ISN® foundry program.

Resonant has developed, leveraging its ISN design tool suite, its fabless eco-system and foundry program. This includes both filter foundries and packaging companies, and provides the critical filter assembly and packaging manufacturing capabilities to Resonant fabless customers, thereby enabling them to enter the rapidly growing filter market. The foundries in the program are evaluated and characterized as "ISN Ready," resulting in a process design kit (PDK) generated by Resonant. This PDK allows Resonant's customers to immediately and effectively leverage the foundries using Resonant's team, design technology and IP, providing competitive solutions and a quick time to market.

"We are disrupting the filter market in a meaningful way by providing a stable supply chain for new entrants into this rapidly growing market, which has traditionally been dominated by a few major players," said George Holmes, CEO of Resonant Inc. "In fact, the fabless foundry model was adopted and has proven extremely successful in the semiconductor industry, and until now, did not exist as a broadly available solution for companies to enter the filter market. By leveraging this program, we are able to provide our customers with the quality foundry choices necessary to enter this fast moving and competitive market. Enabling these new entrants has the potential to bring more customers to the market and drive additional royalty revenues for Resonant."

Details about Resonant's foundry program, which include traditional semiconductor IC foundries and packaging houses familiar with producing high-quality, low-cost solutions in high volume, can be viewed on the Company's website at https://www.resonant.com/ISN_foundry_program, which for the first time has been brought together in a substantive way, wholly focused on delivering solutions for the mobile filter market. Resonant continues to build a robust fabless filter eco-system, providing its licensees more choices for filter supply chain delivery.

For more information related to the key disruptive elements of Resonant's foundry program, see the Company's most recent video titled, "[Disrupting the Mobile Filter Supply Chain](#)" This video can be found by clicking [here](#), or via the following link:<https://ir.resonant.com/videos>.

In addition, Resonant has published on its website the following videos that explain Resonant's technologies and market positioning:

- [Infinite Synthesized Networks, ISN Explained](#)
- [What is an RF Filter?](#)
- [RF Filter Innovation](#)

About Resonant Inc.

Resonant is creating software tools and IP & licensable blocks that enable the development of innovative filter designs 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. 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 capabilities of our filter designs, the capabilities of our foundry partners, and the impact of our foundry program on the filter market. 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) and our foundry partners to fabricate our designs in commercial quantities; the performance of our foundry partners; 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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