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# Resonant Expands Management Team to Support Growth, Adding Andrew Kay as Vice President of Engineering Operations

GOLETA, Calif.--(BUSINESS WIRE)-- 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 addition of Andrew Kay as Vice President of Engineering Operations.

Mr. Kay comes to Resonant with over 15 years of relevant management experience in RF filter engineering and packaging. Since 2002, Mr. Kay was at Skyworks Solutions Inc. (NASDAQ: SWKS), a provider of high performance analog semiconductors, where he worked in a variety of engineering capacities, most recently as Director of Component Engineering. Prior to Skyworks, Mr. Kay was a senior engineer at Conexant Systems Inc. and Intel (NASDAQ: INTC). Mr. Kay holds a Bachelor's of Science degree in Electrical Engineering from Brigham Young University and is a widely published author on RF device and integrated circuit technical topics.

"We look forward to leveraging Andrew's unique skill set in high volume manufacturing and industry expertise," said George B. Holmes, CEO of Resonant. "Given the growing number of new Fabless Filter manufacturing customers and designs we are supporting, we've continued to invest in our core infrastructure and believe he is the perfect fit as our newly created Vice President of Engineering Operations position. In this new position, Andrew will be reporting to Neal Fenzi, one of the company's Founders who leads Resonant's engineering teams."

"It's an exciting time to join Resonant, as it continues to experience significant growth in new customers as well as designs," said Mr. Kay. "Together, I look forward to helping the team continue building a scalable engineering infrastructure to support our anticipated growth from the explosive demand for high yielding filter designs."

## **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](http://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. surface acoustic wave (SAW) and/or temperature compensated surface acoustic wave (TC-SAW)) and can perform as well as those using higher cost methods (i.e. BAW or FBAR). While most of the industry designs 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 expected growth in demand for our designs and technologies. 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; 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; our ability to invest resources in IP protection and enforcement; 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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