

## PRESS RELEASE

### **SiTel single-chip DECT IC delivers outstanding audio in Revolabs HD Wireless Microphones**

***High-performance, low-power Green DECT solution  
enables compact wireless microphones with crystal clear  
sound and long battery lifetimes***

***'s-Hertogenbosch, The Netherlands and Boston, MA, 10 May 2010*** – SiTel Semiconductor and Revolabs, Inc. today announced that the new HD Wireless Microphone family from Revolabs features SiTel's SC14480 single-chip Green DECT IC. The new Revolabs HD product line includes wearable and (omni and directional) tabletop microphones plus wireless adapters for handheld and earset microphones. It is ideal for applications where clear, natural communication is needed. SiTel's integrated DECT solution handles the wireless link, allowing the microphones to deliver excellent sound quality and long battery lifetimes.



The new microphones are extremely compact and weigh in at just 30 grams. Yet they deliver high-definition audio with a bandwidth of 50-20,000 Hz, thanks to the SC14480's high CAT-iq support. At the same time, the SC14480's low power consumption means the

The new HD Wireless Microphone family from Revolabs



microphones can deliver up to 8 hours of talk time from a single Li-ion battery charge.

“As a leader in silicon solutions for cordless communications, we are committed to bringing the unique benefits of DECT to new applications by making it easy for manufacturers in all areas to integrate this versatile technology into their systems. The use of our SC14480 single-chip DECT / CAT-iq IC in these impressive microphones is further evidence of how our solutions help customers create small form factor products with outstanding audio quality,” said Marius Bouman, Product Marketing Manager at SiTel.

“In our line of business, sound quality is everything. By combining Revolabs innovative audio technology with the SiTel solution, we deliver sound so natural you’ll forget you’re even using a microphone. Moreover as a low-power, single-chip solution, the SiTel IC let us create smaller solutions with longer talk times – which is an outstanding benefit to our customers,” said Jon Schau, VP Engineering at Revolabs.

Powered by SiTel’s single-ship DECT ICs, the Revolabs HD Wireless Microphones can be used as part of a complete audio system for video- and teleconferencing, distance learning, webcasting and other unified collaboration applications. And with 128-bit proprietary encryption on each microphone channel, all communication is secure.

~ End of Release ~



### **About the SC1448x family**

SiTel's SC1448x family comprises the industry's first monolithic integrated DECT/DCT solutions in standard CMOS. A high performance Gen2DSP core provides enough processing power to run telephone answering machine voice compression, advanced ring-tones and support the superior voice quality of the CAT-iq standard. The ICs can operate directly from 2 battery cells and include an integrated white LED driver to support higher voltages, reducing external component costs. In addition, Li-Ion battery support makes these chips ideal for headset applications.

### **About SiTel Semiconductor BV**

SiTel Semiconductor BV was established in June 2005, following a management buy-out from National Semiconductor Corporation. Headquartered in 's-Hertogenbosch, The Netherlands. SiTel is a fabless IC manufacturer with design centers in The Netherlands and Greece along with regional sales offices in Hong Kong, Japan and the U.S. The company specializes in the design, manufacturing and marketing of high-performance CMOS solutions for digital cordless and corded communication and is the world's number one DCT supplier for cordless voice, real-time data and VoIP.

For more information, please visit [www.sitelsemi.com](http://www.sitelsemi.com)

### **About Revolabs**

Revolabs, Inc. manufactures Wireless Microphone Systems used throughout the world and across a wide range of applications including conferencing, recording, podcasting, webcasting and broadcasting, as well as many industries such as financial services, education, medical, legal and houses of worship. Revolabs' newest product line, HD Wireless Microphone Systems, provides superior audio performance for video- and audio- conference calls, recording, broadcasting, public address systems, and other collaboration applications. All Revolabs products



facilitate natural mobility by allowing participants to move about a workspace with no wires to worry about. The Revolabs Wireless Microphones, which are available in wearable, tabletop, XLR adapter and the latest Countryman adapter form-factors, are wireless, secure (encrypted), rechargeable, flexible, and GSM-impervious. The company is headquartered in Maynard, MA, USA, and can be reached at +1 800.326.1088 or on the web at [www.revolabs.com](http://www.revolabs.com).

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