



# Peraso PRS4000 Baseband SOC Selected by InterDigital for mm-Wave Mesh Backhaul

## Innovative WiGig Solution Unveiled at Mobile World Congress 2015

Contact:

John Tryhub  
Peraso Technologies, Inc.  
john@perasotech.com

Toronto (March 1, 2015) - Peraso Technologies Inc. a fabless semiconductor company specializing in the development of mm-wave wireless chipsets, announced today that InterDigital, a mobile technology research and development company, has selected its PRS4000 series of baseband SOCs as an integral component for their innovative backhaul platform. The platform is the world's first WiGig-based millimeter wave mesh backhaul solution for small cells.

The PRS4000 baseband integrated circuit includes an 802.11ad compliant MAC/PHY, multi-Gbps processing, a USB 3.0 system interface, and analog I/Q interface which can be seamlessly connected to Peraso's 60 GHz RF ICs. Importantly, Peraso supports a highly flexible software architecture, which allows customers such as InterDigital to add proprietary functionality to the baseline operation of the device.

"We are enthusiastic to be working with Peraso's WiGig-based baseband SOCs", said Doug Castor, Principal Engineer, InterDigital Labs group. "It was an absolute requirement to design a cost-effective wireless backhaul solution that could maintain multi-Gbps data rates to enable network operators to rapidly deploy dense networks dictated by growing capacity demands".

Ron Glibbery, President and CEO of Peraso added, "We are delighted to be working with InterDigital to bring a low-cost WiGig-based platform to market. The development validates our approach to utilize a software oriented MAC architecture and allow customers and third parties to bring enormous value through their value-add software and algorithms."

Peraso is targeting a variety of markets with its WiGig product offerings, including high speed mobile connectivity, small cell backhaul, transportation and medical equipment. It has been an active participant in the standardization of 60 GHz technology, including membership in the Wireless Gigabit

Alliance (WiGig) since 2010, and the development and rollout of IEEE 802.11ad. It continues to be an instrumental participant in the WiFi 60 GHz interoperability program.

Peraso's products will be displayed at the Peraso booth at Mobile World Congress 2015 in Barcelona, March 2-5, in Hall #7, Booth #7K50. InterDigital's WiGig platform will be demonstrated at the InterDigital booth in Hall #7, Booth #7A71.

The PRS4000 is available immediately through Peraso's Baseband Early Access Program. Please contact Peraso for further information regarding the program.

#### About Peraso Technologies, Inc.

Peraso is a fabless semiconductor company headquartered in Toronto, Canada. The company is focused on the development of 60 GHz chip sets and solutions compliant with the IEEE 802.11ad specification targeting a variety of markets, including high speed mobility, small cell backhaul, Wi-Fi infrastructure and point-to-point links. 60 GHz has seen strong industry endorsement has been adopted for interoperability certification by the Wi-Fi Alliance under the WiGig® brand. For more information, visit [www.perasotech.com](http://www.perasotech.com)

#### About InterDigital®

InterDigital develops technologies that are at the core of mobile devices, networks, and services worldwide. We solve many of the industry's most critical and complex technical challenges, inventing solutions for more efficient broadband networks and a richer multimedia experience years ahead of market deployment. InterDigital has licenses and strategic relationships with many of the world's leading wireless companies. Founded in 1972, InterDigital is listed on NASDAQ and is included in the S&P MidCap 400® index.

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