eFPGA IP from Menta Selected by Beijing Chongxin Communication Company to Enable Programmability in 4G/5G Wireless Baseband SoC

Enhanced flexibility supports emerging 5G NR wireless specification

SOPHIA-ANTIPOLIS, France, February tbd, 2019 — Menta SAS, a provider of embedded FPGA (eFPGA) Intellectual Property (IP), today announced that its eFPGA IP has been selected by Beijing Chongxin Communication Company to enable flexibility in baseband SoCs designed for 5G NR pico cell applications.

Menta’s eFPGA integrates embedded SRAM IP in addition to embedded logic blocks (eLBs), global clocks, memory, ALUs, and interfaces optimized for TSMC’s 12nm FinFET Compact Technology (12FFC) process technology. eFPGAs are ideal for next-generation wireless SoCs as they provide the flexibility for software updates as standards evolve and change. The baseband SoC from Beijing Chongxin Communication Company will support both the existing 4G LTE infrastructure while also offering the programmability required to address the emerging 5G NR wireless specification.

“We are pleased to select Menta’s eFPGA IP for our 5G NR SoC. The eFPGA IP surpassed all other available options on the market in terms of flexibility, technology portability and customer support,” said Tao Hu, VP of Engineering of Beijing Chongxin Communication Company.

“Menta’s IP supports of the specifications of our next-generation wireless communication products, including re-configurable and software-defined features. The portability of their IP to all process technologies makes them an ideal long-term technology partner.”

Menta provides custom embedded FPGAs for integration in a wide range of SoCs. The embedded FPGAs are supplied with a proven EDA tool that supports design from HDL design to bitstream with synthesis, mapping, place and route.

“We are excited to collaborate with Beijing Chongxin Communication Company. This
relationship provides expansion of our customer base in China, a market we are committed to supporting with state of the art technology and customer support,” said Vincent Markus, CEO of Menta. “The collaboration underscores the ability of our technology to be optimized for any process technology, able to add flexibility to a growing range of applications.”

Menta’s embedded FPGAs and associated software are available now. For more information, please visit www.menta-efpga.com/technology, or contact our customer support team at contact@menta-efpga.com.

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About Menta
Menta is a privately held company based in Montpellier, France. The company provides embedded FPGA (eFPGA) technology for System on Chip (SoC), ASIC or System in Package (SiP) designs, from EDA tools to IP generation. Menta’s programmable logic architecture is based on scalable, customizable and easily programmable architecture created to provide programmability for next-generation ASIC design with the benefits of FPGA design flexibility.
For more information, visit the company website at: www.menta-efpga.com

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