SiTime Delivers Precision Timing Solution for Industry Leading Low Power FPGAs from Lattice Semiconductor

Timing Solution Supports Secure IEEE 1588 Synchronization and Helps Accelerate 5G Fronthaul Deployment

SANTA CLARA, Calif.--(BUSINESS WIRE)--Apr. 12, 2023-- SiTime Corporation (Nasdaq: SITM), the precision timing company, today announced that it will provide its precision timing solutions to Lattice Semiconductor, the low power programmable leader. The SiTime devices, a Cascade™ MEMS-based Clock-System-on-a-Chip (ClkSoC™) and an Emerald OCXO or Elite X™ Super-TCXO®, are incorporated into Lattice's new synchronization hardware development platform.

"At Lattice, delivering customer-centric, power-efficient FPGA innovation with flexibility, scalability, and security is a top priority," said Matt Dobrodziej, Vice President of Segment Marketing and Business Development, Lattice Semiconductor. "We are excited to further strengthen our partner ecosystem with this collaboration with SiTime to demonstrate the precision timing capabilities of the Lattice FPGA solutions. This innovation will enable our customers with more ways to develop and deploy low latency, secure, and synchronized solutions powered by our industry-leading FPGA technology."

"Lattice and SiTime share a common objective – using the power of programmability to solve customer problems and accelerate network deployment," said Lionel Bonnot, EVP Worldwide Sales and Business Development at SiTime. "Higher speeds, lower latency and distributed computing are driving new deployment architectures where equipment is subjected to environmental stressors such as shock, vibration, and temperature changes. These deployments require a new timing technology paradigm, and SiTime delivers."

Key features of the Cascade SiT95141 Clock-System-on-Chip Family

- Integrated MEMS resonator, enabling designers to create a clock-system-on-chip and eliminate quality and reliability issues associated with traditional quartz-based clocks
- 4 PLLs (clock domains) and 11 outputs
- DCO mode with 0.005-ppb resolution
- 4 inputs, up to 10 outputs
- Wide frequency range from 8 kHz to 2.1 GHz
- Support for IEEE 1588, ITU-T G.8262.1 and JESD204B
- Rich set of programmable features in a small 9 x 9 mm package

SiTime's precision timing solutions are available on the SiTimeDirect ™ store for shipment in as fast as 48 hours.

For more information on low power FPGA solutions from Lattice Semiconductor, please visit www.latticesemi.com.

For more information on SiTime precision timing devices, please visit https://www.sitime.com/products.

Download the SiTime – Lattice Semiconductor image.

About SiTime

SiTime Corporation is the precision timing company. Our programmable solutions offer a rich feature set that

enables customers to differentiate their products with higher performance, smaller size, lower power, and better reliability. With over 3 billion devices shipped, SiTime is changing the timing industry. For more information, visit www.sitime.com

Note on Forward-Looking Statements

This press release may contain forward-looking statements regarding future events. These forward-looking statements are intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. Readers are cautioned that these forward-looking statements involve risks and uncertainties that could cause our actual results and the timing of events to differ materially from those anticipated in such forward-looking statements, including, but not limited to: our ability to ship products; and other risks and uncertainties described more fully in our documents filed with or furnished to the Securities and Exchange Commission. More information about these and other risks that may impact our business is set forth in our more recent Form 10-Q filed with the Securities and Exchange Commission. All forward-looking statements in this press release are based on information available to us as of the date hereof and qualified in their entirety by this cautionary statement, and we assume no obligation to revise or update these forward-looking statements.

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