



Lattice Named 2026 Environment + Energy Leader Award Winner

April 22, 2026

HILLSBORO, Ore.--(BUSINESS WIRE)--Apr. 22, 2026-- [Lattice Semiconductor](#) (NASDAQ: LSCC), the low power programmable leader, today announced that its Lattice MachXO5™-NX TDQ FPGA family was selected as a [2026 Environment + Energy Leader Award](#) winner in the Business & Infrastructure category. This win highlights Lattice's leadership in delivering low power, secure control FPGAs as the industry's first FPGA family with CNSA 2.0-compliant post-quantum cryptography (PQC), crypto-agility, and hardware Root of Trust. Built on the Lattice Nexus™ platform, MachXO5-NX TDQ delivers industry-leading power efficiency, small form factor, and fast boot to help reduce energy consumption and environmental impact.

"As infrastructure prepares for the post-quantum era, organizations need security solutions that are both adaptable and sustainable," said Esam Elashmawi, Chief Strategy and Marketing Officer at Lattice Semiconductor. "The MachXO5-NX TDQ FPGA family delivers a low power, crypto-agile foundation that helps customers meet emerging security standards while extending system life, lowering operational energy demands, and enabling more resilient infrastructure."

Sarah Roberts, Co-President and Publisher of E+E Leader said, "The winners of this year's E+E Leader Awards demonstrate the innovation and leadership required to improve efficiency, reduce emissions, and deliver measurable results. This product tackles two pressing challenges: quantum-era security and energy efficiency. It extends system life, reduces cooling needs, and minimizes hardware refresh cycles to set a new benchmark for secure, sustainable infrastructure."

For more information about the Lattice MachXO5-NX TDQ FPGA family, please visit the [Lattice website](#). To learn more about Lattice's commitment to actively managing our environmental, social, and governance practices, please download the latest [Lattice Corporate Stewardship report](#).

About Lattice Semiconductor

Lattice Semiconductor (NASDAQ: LSCC) is the low power programmable leader. We solve customer problems across the network, from the Edge to the Cloud, in the growing Communications, Computing, Industrial, Automotive, and Consumer markets. Our technology, long-standing relationships, and commitment to world-class support let our customers quickly and easily unleash their innovation to create a smart, secure, and connected world.

For more information about Lattice, please visit www.latticesemi.com. You can also follow us via [LinkedIn](#), [X](#), [Facebook](#), [YouTube](#), [WeChat](#), or [Weibo](#).

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