

Synopsys and Mellanox

EZChip, Now Part of Mellanox, Achieves First-Pass Silicon Success for NPS-400 Processor With Synopsys Solutions

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“ Synopsys’ silicon-proven solutions enabled fast integration into our NPS-400 networking design, on-schedule tapeout, and rst-silicon success.” Erez Shaizaf, Vice President, Chip Design, Mellanox Technologies

Overview

EZChip, now owned by Mellanox, developed a new network processing architecture that merges network processing unit (NPU) performance with CPU flexibility and ease of programmability. The NPS-400 C-programmable packet processor offers 400 Gb/s throughput and supports all seven communication