IDT Introduces Timing Solutions for Cavium Processors

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Integration of IDT's IEEE 1588 Software and Timing Components and Cavium's SoC Families Provides Precise Synchronization for a Growing Range of Applications

SAN JOSE, Calif., Dec. 18, 2017 /PRNewswire/ -- Integrated Device Technology (NASDAQ: IDTI) today announced that the company will offer integrated IEEE 1588 software and timing components for a variety of Cavium System on Chip (SoC) solutions.

The range of applications requiring precision synchronization over packet-switched networks using the IEEE 1588 protocol continues to expand, with requirements becoming even tighter. Once primarily found in mobile networks and industrial automation applications, demand is growing in data centers, broadcast video, high-speed trading and high-performance computing for this key technology.

"IDT's advanced clock recovery algorithms and precision timing devices reconstruct accurate synchronization signals under challenging network conditions for the most demanding applications," said Kris Rausch, vice president of IDT's Timing Division. "We understand that many of the markets for Cavium silicon require these types of synchronization solutions. Our thorough integration and testing across Cavium's product lines allow customers to proceed with confidence in the turnkey, cost-effective reference designs."

"Cavium's network infrastructure solutions have a particular need for precision timing, whether base stations, remote radio heads or even Cloud-RAN," said Raj Singh, general manager of Cavium'sWireless Broadband Group. "As we begin the transition from 4G to 5G it will become even more critical. Giving our customers access to reference designs incorporating validated IDT timing technology is an important element in helping them quickly deliver end products to the market."

For more information on the new IEEE 1588 reference designs for Cavium processors including datasheets and diagrams, please visit idt.com/cavium. For details about Cavium's multi-core SoC products, please visit cavium.com/products.

About IDT
Integrated Device Technology, Inc. develops system-level solutions that optimize its customers' applications. IDT's market-leading products in RF, timing, wireless power transfer, serial switching, interfaces, automotive ASICs, battery management ICs, sensor signal conditioner ICs and environmental sensors are among the company's broad array of complete mixed-signal solutions for the communications, computing, consumer, automotive and industrial segments. Headquartered in San Jose, Calif., IDT has design, manufacturing, sales facilities and distribution partners throughout the world. IDT stock is traded on the NASDAQ Global Select Stock Market® under the symbol "IDTI." Additional information about IDT can be found at www.IDT.com. Follow IDT on Facebook, LinkedIn, Twitter, YouTube and Google+.

IDT Contact
Krista Pavlakos
Director, Demand Creation & Communications
Phone: (408) 574-6640
Email: Krista.Pavlakos@idt.com

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