

# IDT Begins Sampling DDR5 Registered Clock Driver (RCD) For Next Generation Data Centers

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## IDT Chipset Enables First DDR5 RDIMM Prototype Evaluation to Accelerate Development of DDR5 Memory Modules

SAN JOSE, Calif., Jan. 26, 2018 /PRNewswire/ -- Integrated Device Technology, Inc. (IDT) (NASDAQ: IDTI) today announced the availability of its first DDR5 Registered Clock Driver (RCD), the IDT® 5RCD0144H RCD, which pairs seamlessly with the IDT® P8900 PMIC to form the first complete chipset for the early evaluation of DDR5 server memory modules in test platforms, bench and ATE environments. Providing the first chipset capable of comprehensively evaluating interconnect and power delivery at the system and module level allows IDT's ecosystem partners to get a jumpstart on validation of silicon, hardware and software development efforts.



The 5RCD0144H incorporates a host of features and capabilities that enable DDR5 memory to scale up to twice the maximum speed and effective bandwidth of DDR4, as stated by the JEDEC standards organization. The device can be coupled with DDR5 DRAM to create a total solution that dramatically lowers overall memory sub-system power requirements while enhancing reliability and scalability versus current DDR4 solutions.

"The soaring value of real time analytics is driving a new generation of computing architectures intended to bring large datasets closer to the processing elements that transform huge amounts of unstructured data into actionable information," said Rami Sethi, vice president and general manager of IDT's memory interface and power management divisions. "DDR5 will be a major vehicle in this transformation and promises to be the most significant evolution in the memory subsystem in nearly two decades. The combination of our new 5RCD0144H RCD and P8900 PMIC allows our ecosystem partners and customers to accelerate the development of new DDR5 server memory modules to support this transformation and is the latest example of our continued leadership in memory innovation."

The superior performance of DDR5 is seen as one of the keys to supporting the confluence of new technologies – such as 5G wireless, machine learning, autonomous driving and smart cities – that are driving massive increases in both data generation and transmission. Traditional data centers and new edge computing nodes will be the workhorses that process and store all of this information and will require DDR5 memory in order to enable a new generation of interconnected people and machines.

This latest chipset from IDT is available for sampling by qualified customers. For more information about IDT's DDR5 solutions, visit [www.idt.com/go/DDR5](http://www.idt.com/go/DDR5).

### About IDT

Integrated Device Technology, Inc. develops system-level solutions that optimize its customers' applications. IDT's market-leading products in RF, high performance timing, memory interface, real-time interconnect, optical interconnect, wireless power, and smart 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](http://www.IDT.com). Follow IDT on [Facebook](#), [LinkedIn](#), [Twitter](#), and [YouTube](#).

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