

IDT to Showcase its Latest Optical Communication Solutions at OFC 2018

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SAN JOSE, Calif., March 8, 2018 /PRNewswire/ -- Integrated Device Technology, Inc. (IDT) (NASDAQ: IDTI) will demonstrate to attendees of OFC 2018, the top global conference for optical communications, how its latest optical networking ICs can address datacenters' critical requirements for higher densities and faster speeds to support cloud and network applications. The live demonstrations will be in IDT's booth (3829) at the conference, which will be held at the San Diego Convention center March 13-15.

IDT Logo (PRNewsFoto/Integrated Device Technology, I)

One of the key demonstrations will be of the company's new GX66473 64Gbaud optical modulator, an ideal solution for a new generation of compact 400G/600G coherent optical transceivers. The live demonstration will show the electrical time domain output waveform with 64Gbaud PAM4 modulated signal, corresponding to an electrical domain signal to convert a 64QAM optical signal in succeeding optical modulators.

Optical transceivers based on the IDT® GX66473 will have many advanced features, including:

- Low power of 1.1W per channel, making it suitable for CFP2 module form factor
- Large output voltage of 4.5Vpp for driving LiNb₂O₃ optical modulators
- Linearity of less than 1.5% of THD for 64QAM modulation

IDT will also demonstrate a compact and low-power 56Gb/s PAM4 optical interconnect solution ideal for several datacenter applications, including 400G QSFP-DD and OSFP, 8x50G SR8. The solution is composed of the HXT14450 28GBaud PAM4 Linear VCSEL driver/CDR integrated and the HXR14450 28GBaud, PAM4 Linear TIA/CDR integrated. Samples of the solution are currently available and production is expected to begin in Q3 2018.

"The latest solutions we will demonstrate at OFC 2018 show our ongoing commitment to enabling telecom and datacom equipment OEMs and ODMs to create higher performance optical networking devices that data centers require," said Raluca Dinu, vice president and general manager of IDT's Optical Interconnects Division.

Visit IDT at OFC 2018 in booth 3829 and find more information about the company and its solutions on the web at www.IDT.com.

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. Follow IDT on [Facebook](#), [LinkedIn](#), [Twitter](#), and [YouTube](#).

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