IDT Announces World's First Wireless Power Transmitter Solution that Supports Apple 7.5W and Android Fast-Charge Modes

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New transmitter supports Qi® Extended Power Profile and is compatible with the recent Apple® iOS 11.2 upgrade which allows users to enjoy the benefits of wireless fast charging

SAN JOSE, Calif., Dec. 15, 2017 /PRNewswire/ -- Integrated Device Technology, Inc. (IDT®) (NASDAQ: IDTI) today announced the world's first transmitter reference design for wireless charging of iPhone® 8 and iPhone X models with up to 7.5W of power, in addition to supporting WPC EPP and other Android-based fast charging modes. This new reference design is a compelling solution for designers and manufacturers of wireless charging pads, enabling them to create transmitters for Apple, Android and other devices that use the Qi wireless charging standard.

IDT Logo (PRNewsFoto/Integrated Device Technology, I)

"Apple's announcement in September to include Qi-based wireless charging in the latest iPhone models has dramatically increased user interest and with the recent release of the Apple iOS 11.2 upgrade, owners of these smartphones can now enjoy the benefits of fast wireless charging," said Chris Stephens, general manager of IDT's Mobile Power and Sensing Division. "IDT's continued leadership in wireless power innovation is demonstrated in this converged solution which allows both Android and iOS smartphone fast wireless charging."

At the heart of the reference design solution is the new IDT® P9242-G transmitter IC which provides for extremely accurate fixed frequency operation for EMI compatibility with EN303 417 and enhanced smartphone application co-existence. The reference kit supports the WPC Qi Baseline Power Profile (BPP) and Extended Power Profile (EPP) up to 15W with enhanced Foreign Object Detection (FOD) for a highly reliable and robust user experience. Additionally, the converged transmitter design supports all major fast wireless charging protocols.

The P9242-G-EVK reference kit has an input voltage range of 11V to 19V, supports USB or USB Type-C connectors and can be upgraded in the field through the system flash memory. The reference kit boasts extremely low quiescent power of less than 900mW.

IDT is sampling the product now and will release for broader availability in January, 2018. Visit idt.com/wireless power for more information including technical documentation.

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+.

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