

IDT and Steradian Semiconductors Announce Strategic Partnership to Deliver Ultra-High Resolution 4D RADAR Imaging Solution for Industrial, Security and Autonomous Vehicle Applications

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4D RADAR imaging creates a disruptive change in operational efficiency for imaging and autonomous systems

SAN JOSE, Calif., Aug. 21, 2018 /PRNewswire/ -- Integrated Device Technology, Inc. (IDT) (NASDAQ: IDTI) announced today a strategic partnership with Steradian Semiconductor Pvt. Ltd. to deliver ultra-high resolution 4D mmWave imaging RADAR for emerging industrial, security, medical, and autonomous vehicle markets.



Steradian Semiconductor is a fabless semiconductor company based out of Bangalore, India. Steradian is founded by industry experts with decades of experience in designing cellular/RF and microwave transceiver ICs. Their unique IP has enabled IDT to offer highly differentiated "SenseVerse" series of RADAR transceiver ICs to our customers.

The IDT® SenseVerse SVR4410 IC is a multi-channel high resolution MIMO RADAR device that operates in the 76-81 GHz frequency band offering superior interference performance and the highest number of channels per device in the industry. With integrated beamforming and support for multi-device aggregation, the SVR4410 provides best-in-class angular resolution, range, and power consumption in a very small form factor. The two companies are collaborating on a series of roadmap ICs with increasing levels of integration and enable customers' adoption by means of providing radar modules with integrated antennas, SVR transceiver ICs, radar processing IC and DSP algorithms.

"IDT's SenseVerse RADAR family will add new dimension to sensing and vision, causing a disruptive change in Industry 4.0 and similar end markets needing high resolution solutions," stated Sailesh Chittipeddi, executive vice president, global operations and chief technology officer at IDT. "IDT's novel imaging RADAR architecture based on mmWave technology will be key to reliable and autonomous operation in various climatic conditions and continues IDT's tradition of delivering high value-added solutions for its customers."

"IDT's SenseVerse RADAR family offers all weather high resolution sensing and will enhance and complement human and computer vision," said Gireesh Rajendran, CEO of Steradian Semiconductor. "IDT's SVR4410 and roadmap ICs together with Steradian's RF expertise will offer exceptional value to a wide variety of application spaces."

IDT's SenseVerse RADAR products are currently sampling at selected customers.

About Steradian Semiconductors

Steradian Semiconductors Pvt. Ltd. develops 4D Imaging Radar Products in the mmWave band for the worldwide automotive, industrial and driver assistance market. The company is located in Bangalore City, India. Additional information about Steradian can be found at <http://steradiansemi.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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Krista Pavlakos
Director, Demand Creation & Communications
Phone: (408) 574-6640
Email: Krista.Pavlakos@idt.com

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