Quanergy Systems to Debut Solid State LiDAR in 2016

SUNNYVALE, Calif.--(BUSINESS WIRE)--Quanergy Systems, Inc., will introduce in early 2016 the world's first solid state LiDAR (Light Detection and Ranging) sensor for self-driving cars for less than $1,000 per car, it was announced today at the Los Angeles Auto Show's Connected Car Expo.

Quanergy's solid state LiDAR sensor, used for autonomous vehicles, contains an integrated circuit that scans in every direction without any moving parts on both the macro and the micro scale, creating a live 3D view around a car, and detecting, classifying, and tracking objects in the scene. The new solid state LiDAR will be on display at the upcoming Consumer Electronics Show (CES) in Las Vegas, January 6-9 in Booth 36065.

"Quanergy will release the world's first solid state LiDAR for self-driving cars for less than $1,000 per car in early 2016."

"Our solid state LiDAR is significantly more compact and more affordable than any other unit on the market today, and will revolutionize the way automotive manufacturers design cars," said Dr. Louay Eldada, Quanergy CEO. "This technology will make LiDAR usage ubiquitous not only for autonomous vehicles and advanced driver assist systems, but also for numerous other industry verticals, enabling cost savings and improved accuracy."

During a ceremony held today at the JW Marriott in Los Angeles, Quanergy was recognized as one of the Top 10 Automotive Startups™ (Top 10) for its disruptive LiDAR-based smart sensing solutions. Quanergy was chosen because of its potential to shape the future of the automotive industry and make cars safer, more accessible and more exciting.

The company has partnerships with Mercedes-Benz, Hyundai-Kia and Renault-Nissan along with other companies in the automotive industry. Quanergy's artificial-intelligence-powered LiDAR-based sensing system is essential in more than 30 market verticals including transportation, mapping, industrial automation and security, for improved safety, efficiency and performance.

About Quanergy Systems, Inc.

Quanergy Systems, Inc. (Quanergy) was founded in 2012 and builds on decades of experience of its team in the areas of optics, photonics, optoelectronics, artificial intelligence software, and control systems. Headquartered in Sunnyvale, California, in the heart of Silicon Valley, Quanergy offers the world's leading LiDAR sensors and software for real-time capture and processing of 3D mapping data and object detection, tracking, and classification. In transportation, the data is utilized to greatly improve the accuracy and reliability of on-board driver safety systems and enhance them with perception, scenario analysis, and decision making capability for active control, as well as enable autonomous driving in the future. Quanergy's LiDARs lead in all six key commercialization areas (price, performance, reliability, size, weight, power consumption) while meeting the mass deployment requirement of being solid state. For more information, visit quanergy.com.

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