



## FOR IMMEDIATE RELEASE

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### **Quanergy Achieves Compliance with Important Automotive Standards**

Solid State LiDAR manufacturer meets requirements of automotive standards AEC-Q100, ISO 16750 and IATF 16949:2016

Sunnyvale, Calif. – May 15, 2019 – Quanergy Systems, Inc., a leading provider of LiDAR (Light Detection and Ranging) sensors and smart sensing solutions, today announced that, based on certification body audits, it has reached compliance with the automotive standard IATF 16949:2016 and the required automotive core tools and product standards. With this compliance, Quanergy has shown its readiness to produce solid-state LiDAR sensors for use in a wide range of automotive applications.

The IATF 16949:2016 compliance assesses quality starting at the conception of product design to its application, requiring a far more stringent and comprehensive assessment than other certification standards. The IATF standard, core tools and customer-specific requirements enable companies to meet important product safety requirements within the automotive industry. These tools consist of FMEA (Failure Modes and Effects Analysis), APQP (Advanced Product Quality Planning Process), PPAP (Production Part Approval Process), SPC (Statistical Process Control) and MSA (Measurement System Analysis).

Quanergy also performs reliability verification of its solid-state LiDAR sensors using the AEC (Automotive Electronics Council) Q100 family of standards. Additionally, Quanergy ensures the conformance of its key automotive suppliers to IATF 16949.

“The future of autonomous vehicles is dependent on the development of LiDAR sensors that can reliably and expertly navigate surroundings outside static or mapped environments,” said Dr. Louay Eldada, CEO and co-founder of Quanergy. “Achieving this third-party-certified IATF compliance is our latest step toward bringing safe, autonomous vehicles to future roads, and is a direct result of the dedication of our entire team in driving the standards for this industry.”

Quanergy earned this compliance after three rounds of third-party certification audits by a leading European certification body, Det Norske Veritas Germanischer Lloyd (DNVGL). This comes after only nine months of internal implementation activities, which is half the time it typically takes an organization to achieve this milestone.

“This important milestone positions Quanergy ahead of competitors in terms of conformance to the stringent quality, reliability and safety requirements of the automotive industry,” said Joy Gandhi, Senior Director of Quality and Reliability Engineering at Quanergy. “Our commitment to safety is unwavering, and this is the latest validation of the high bar we have set for quality standards of LiDAR sensors for autonomous vehicles.”

This compliance to the array of automotive standards follows the recent announcement that Quanergy obtained ISO 9001:2015 quality certification, forming a solid foundation for automotive solid-state LiDAR production.

**About Quanergy Systems, Inc.**

Quanergy Systems, Inc. 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 smart sensing solutions. It is a leading provider of LiDAR sensors and perception software for real-time capture and processing of 3D spatial data and object detection, identification, classification and tracking. Its sensors are disruptive in price, performance, reliability, size, weight and power. Its solutions are applicable in numerous sectors including transportation, security, industrial automation, 3D mapping, mining, agriculture, drones, robotics, smart spaces and 3D-aware smart devices for improved safety, efficiency and quality of life. For more information, visit [www.quanergy.com](http://www.quanergy.com).