

## **CompoundTek joins JEDEC Silicon Photonics Qualification and Reliability Standards Task Group**

*Company looks to bring commercialisation insights in the development of best practices across the industry value chain*

**Singapore, 12 May 2020** – CompoundTek, a global foundry services leader in emerging silicon photonics (SiPh) solutions announces its participation in the JEDEC Silicon Photonics Qualification and Reliability Standards Task Group. Established to lead the industry in creating sought after guidelines, methodologies and standards for SiPh qualification and reliability, the Task Group is a new remit under JEDEC, an organisation focused on developing open standards and publications for the microelectronics industry that spans a wide range of technologies.

CompoundTek's onboarding, at the heels of a referral by a leading system company, speaks to CompoundTek's on-going efforts in upholding quality assurance and setting benchmarks in the nascent field of SiPh. Rapidly becoming mainstay as integrated circuits in telecommunication network solutions, SiPh is additionally a key driver to the growth of niche capabilities within applications such as sensing, bio-medical, cryptography and quantum computing.

Outlining the significance and timeliness of the Task Group, CompoundTek's Senior Director of Technical Integration and Development, S. Gunasagar said, "In bringing together various industry experts, JEDEC has effectively enabled the advancing of know-how and technologies among an evolving global engineering community. Dedicated to achieving reliability and exacting quality standards critical to SiPh industry, this goal resonates with CompoundTek's broader efforts to align infrastructure, foundry and test standards within our ecosystem, which in turn, improves supply chain and turnaround times to market."

It also reinforces our belief that standards will help customers resolve cost and operational problems during technology proliferation with established guidelines rather than solving the same problems repeatedly, S.Gunasagar adds.

The company, headquartered in Singapore, has recently embarked on establishing Open Standards for layout, design and automation of Photonic Integrated Circuit Testing. This move was inked in a partnership with Keysight Technologies, Inc., a leading technology company that helps enterprises, service providers and governments accelerate innovation to connect and secure the World and National Information Optoelectronics Innovation Center (NOEIC), an innovative institute aimed at building a world-class research and development for the information optoelectronics industry.

Early this year, CompoundTek operationalised Southeast Asia's first state-of-the-art, foundry-agnostic SiPh testing services hub in Singapore to facilitate its expanding solutions' portfolio and activities. This capability enables CompoundTek to further contribute to the JEDEC Task Group with real-world insights, market trends and challenges faced in the industry.

Today, CompoundTek has 20 global commercial customers and > 20 research institutes and universities in various applications such as telecommunications, automotive radar, data communications, bio-sensing, artificial intelligence, quantum computing and smart sensors, a footprint built since its launch in 2017. The company is currently scheduled to showcase its cutting-edge solutions at the 22nd China International Optoelectronic Exposition (CIOE 2020), on September 9-11, 2020 at the Shenzhen World Exhibition & Convention Center.

Parties interested in learning more about the facility and its testing capabilities can contact CompoundTek's office or through email at [enquiries@compoundtek.com](mailto:enquiries@compoundtek.com)

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### **About CompoundTek Pte Ltd**

Founded and supported by industry veterans and technologists, Singapore-based CompoundTek combines world-class commercial foundry with leading silicon photonics (SiPh) research institutes to provide cutting-edge SiPh technologies that enhance foundry services capabilities. As one of the elites offering SiPh solutions internationally, CompoundTek brings to the marketplace revolutionary semiconductor applications designed to meet critical requirements in high bandwidth and high data transfer solutions particularly in emerging connectivity driving Industry 4.0. The company's in-depth know-how includes end-to-end technologies - from proprietary fabrication process expertise to product design support with strategic partners and extended services for end-product manufacturing. CompoundTek's global customers span leading brands and FORTUNE 500 companies in high-growth industries including artificial intelligence, automotive, bio-medical diagnostics, data centre, lidar, smart sensor, telecommunication and quantum optical computing.

Visit <https://compoundtek.com/> for more information.

For media queries, please contact:

Ms. Suchithra Krishnan  
E: [suji@engagesea.com](mailto:suji@engagesea.com)