Press Release - for immediate release

4 February 2025

GigaDevice's GD25/55 NOR Flash Certified ISO 26262 ASIL D: A New Benchmark for Automotive Safety

Chatou/France, 4 February 2025. Macnica ATD Europe, a valued distribution partner of GigaDevice, is pleased to announce that the GigaDevice GD25/55 SPI NOR Flash Automotive-Grade Product Family has been certified ISO 26262:2018 ASIL D.

This certification, awarded by SGS, confirms that the GD25/55 family meets the highest safety standards for automotive functional safety, establishing it as one of the safest and most reliable storage solutions available.

The GD25/55 SPI NOR Flash series is designed to address the growing demands of automotive electronics, offering storage capacities ranging from 2Mb to 2Gb and providing data throughput rates of up to 400MB/s. With advanced communication modes, including single-channel, dual-channel, quad-channel, and octal-channel, the GD25/55 ensures high-speed, efficient data transmission in the most demanding automotive environments. In addition to its exceptional performance, the product is engineered with built-in ECC and CRC check functions for enhanced data integrity, supporting up to 100,000 erase/write cycles and a data retention period of 20 years.

Adhering to AEC-Q100 Grade 1 standards and manufactured using 55nm/45nm process technology, the GD25/55 family is optimized for a wide range of automotive applications, including Advanced Driver Assistance Systems (ADAS), Autonomous Driving, Battery Management Systems (BMS), and In-Vehicle Infotainment. This

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certification underscores GigaDevice's commitment to precision, safety, and excellence in automotive-grade memory solutions.

Macnica ATD Europe provides comprehensive technical assistance for the GigaDevice GD25/55 SPI NOR Flash Automotive-Grade Product Family, now available for purchase.

About Macnica ATD Europe

Macnica is a trusted technology solutions partner, empowering the world's leading businesses to succeed in the future. Macnica's products, services, and innovations are crafted to future-proof organizations by continually pushing the boundaries of what is possible.

Bold collaboration with partners and customers drives their products and services to new levels of achievement. By accelerating digital transformation, Macnica helps ignite exponential growth in technology, delivering forward-looking value that influences businesses, economies, society, and the planet.

Together with global partners, Macnica leverages the latest advancements in semiconductors, imaging, secure networks, and artificial intelligence to address tomorrow's challenges.

Macnica ATD Europe, a subsidiary of Macnica Inc., operates across Europe, with offices in France (Chatou), Germany (Munich, Ingolstadt, Regensburg), and the UK (Milton Keynes), providing expertise and innovative solutions to this dynamic region.

www.macnica.com/eu

About GigaDevice

GigaDevice Semiconductor Inc. (SSE Stock Code 603986) is a global leading fabless supplier. The company was founded in April 2005 and headquartered in Beijing, China, with branch offices in many countries and regions worldwide, providing local support at customers' fingertips. Committed to building a complete ecosystem with four major product lines – Flash memory, MCU, sensor and analog – as the core driving force, GigaDevice can provide a wide range of solutions and services in the fields of industrial, automotive, computing, consumer electronics, IoT, mobile, networking and communications.

GigaDevice has received the ISO26262:2018 automotive functional safety ASIL D certification, IEC 61508 functional safety production certification, as well as ISO9001, ISO14001, ISO45001, and Duns

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certifications. In a constant quest to expand our technology offering to customers, GigaDevice has also formed strategic alliances with leading foundries, assembly, and test plants to streamline supply chain management.

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