Certificate

No.: 968/FSP 2728.00/24

Product tested	Microcontrollers	**Certificate holder**	Suzhou Flagchip Semiconductor Co., Ltd. Room 213, 2nd Floor, Suite Z104, Building 2, NO.78, East Jinshan RD, New District, Suzhou, Jiangsu 215011, P.R. China

Type designation

FC7300 and FC7240 series
For the precise identification of the certified products and versions, please refer to the attached "Revision List".

Codes and standards

ISO 26262-2:2018   ISO 26262-8:2018
ISO 26262-5:2018   ISO 26262-9:2018

Intended application

The FC7300 and FC7240 microcontroller series, developed as a Safety Element out of Context (SEooC), fulfils the applicable requirements of ISO 26262.
The safety integrity level of the related requirements complies to ASIL D according to ISO 26262.
In addition to the above listed standards ISO 26262-10 and ISO 26262-11 were used to support the evaluation.

Specific requirements

For the use of the product the instructions of the Safety Manual, Technical Reference Manual and Datasheet must be considered.
Appropriate environmental testing on control unit level for the microcontroller according to ISO 26262-5, Clause 10.4.6 needs to be implemented by the integrator.

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP2 V3.0:2020 in its actual version, whose results are documented in Report No. 968/FSP 2728.00/24 dated 2024-06-06. This certificate is valid only for products, which are identical with the product tested. Issued by the certification body accredited by DAkkS according to DIN EN ISO/IEC 17065. The accreditation is only valid for the scope listed in the annex to the accreditation certificate D–ZE–11052–02–00.

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Köln, 2024-06-06

Certification Body Safety & Security for Automation & Grid

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