

Certificate



Functional
Safety

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ID 0600000000

No.: 968/FSP 2417.00/22

Product tested	Battery Management IC	Certificate holder	Autosilicon Inc. Research Center 2nd FL, 272-7, Munji-ro, Yuseong-gu 34050 Daejeon Korea
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Type designation	ATS7001
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Codes and standards	ISO 26262-2:2018 ISO 26262-5:2018	ISO 26262-8:2018 ISO 26262-9:2018
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Intended application	The ATS7001 fulfils the requirements of a Safety-Element-out-of-Context according to ISO 26262:2018. It can be used in automotive safety applications of up to ASIL D.
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Additional guidance was taken from following standards:

- ISO 26262-4, Clause 6.4.2 - Safety mechanisms
- ISO 26262-10 - Guidelines on ISO 26262
- ISO 26262-11 - Guidelines on application of ISO 26262 to semiconductors

Specific requirements	The instructions of the associated safety manual shall be considered.
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Valid until 2027-08-08

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2417.00/22 dated 2022-08-08.

This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2022-08-08

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Thomas Steffens

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