

Certificate



Functional
Safety

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ID 060000000

No.: 968/FSP 2590.00/23

Product tested	Battery Pack and Link Monitoring Device	Certificate holder	Analog Devices Inc. One Analog Way Wilmington, MA 01887 USA
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Type designation	ADBMS2950WFS / ADBMS2951WFS / ADBMS2952WFS For the precise identification of certified product versions see current revision list.		
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Codes and standards	ISO 26262-2:2018 ISO 26262-5:2018	ISO 26262-7:2018, Clause 5 ISO 26262-8:2018
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Intended application	The ADBMS295x series is a family of ICs developed as SEooC for the monitoring of battery pack current, battery voltage and link voltage. The highest automotive safety integrity level assigned to the assumed safety goals of the ADBMS295x corresponds with ASIL D.		
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In addition to the above listed standards, ISO 26262-4, -9 and -11 were used to support the evaluation.

Specific requirements	The assessment does not cover the requirements of ISO 26262-7, Clause 6 (Production). Furthermore, EMC and environmental tests need to be implemented by the integrator.		
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The product has to be integrated and used according to the requirements of the safety manual as well as the data sheet.

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 2590.00/23 dated 2023-07-25. 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-11052-02-01.

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Köln, 2023-07-25

Certification Body Safety & Security for Automation & Grid

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