

# Certificate



Functional  
Safety

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**No.: 968/FSP 2633.00/23**

**Product tested** Multicell battery stack monitoring device series

**Certificate holder** Analog Devices Inc.  
One Analog Way  
Wilmington, MA 01887  
USA

**Type designation** ADBMS6832MWFS / ADBMS6833MWFS  
For the precise identification of certified product versions see current revision list.

**Codes and standards** ISO 26262-2:2018 ISO 26262-7:2018, Clause 5  
ISO 26262-5:2018 ISO 26262-8:2018

**Intended application** The ADBMS6832 / ADBMS6833 series is a family of multicell battery stack monitoring devices developed as a SEooC that measures serially connected battery cells. The assumed Automotive Safety Integrity Level for the measurement of cell voltages and temperatures is ASIL D.

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), but addresses the requirements of production planning and field observations. Furthermore, EMC and environmental tests need to be implemented by the integrator.

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 2633.00/23 dated 2023-10-17. 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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Certification Body Safety & Security for Automation & Grid

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