

# Certificate



Functional  
Safety

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ID 060000000

**No.: 968/FSP 1499.00/17**

<b>Product tested</b>	Safety System-on-Chip (Safety SoC) with on-chip redundancy	<b>Certificate holder</b>	HIMA Paul Hildebrandt GmbH Albert-Bassermann-Str. 28 68782 Brühl bei Mannheim Germany
<b>Type designation</b>	HICore 2		
<b>Codes and standards</b>	IEC 61508 Parts 1-7:2010		
<b>Intended application</b>	The development process of the Safety SoC "HICore 2" complies with the requirements of SIL 3 in accordance with IEC 61508. The implemented functional and diagnostic structures are suitable to design a functional safety related application up to SIL 3 in accordance with IEC 61508.		
<b>Specific requirements</b>	For the use of HICore 2, the Application and Safety Manual have to be considered.		
Valid until 2022-10-09			

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1499.00/17 dated 2017-10-09.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.

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Köln, 2017-10-09

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Thomas Steffens

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