Certificate

No.: 968/FSP 2506.01/23

Product tested	Software component for temporal and spatial separation of applications	**Certificate holder**	Renesas Electronics Corporation 3-2-24 Toyosu Koto-ku Tokyo 135-0061 Japan

Type designation RZ/T2L, RZ/N2L Functional Safety Platform Software as listed in the current revision list

Codes and standards IEC 61508-1:2010   IEC 61508-3:2010
IEC 61508-2:2010

Intended application The RZ/T2L, RZ/N2L Functional Safety Platform Software complies with the requirements of SC 3 according to IEC 61508. Hence this product can be used to support the integrator to achieve a freedom from interference between multiple safety and non-safety applications up to SIL 3 according to IEC 61508.
The claimed diagnostic coverage of 99% (high) for RAM error detection by block replication, 90% (medium) for the memory fault detection for control registers of on-chip peripherals and 99% (high) for the combination of logical and temporal monitoring can be confirmed.

Specific requirements The instructions of the associated user documentation as listed in the current revision list shall be considered.

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V3.0:2020 in its actual version, whose results are documented in Report No. 968/FSP 2506.01/23 dated 2023-09-11. 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, 2023-09-11

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Thomas Steffens