



Product Service

CERTIFICATE

No. Z10 109577 0007 Rev. 00

Holder of Certificate: NXP Semiconductors Netherlands B.V.
Chief Technology Office
High Tech Campus 60
5656 AG Eindhoven
THE NETHERLANDS

Certification Mark:



Product: Safety components

Model(s): MCX E31x

Name	Package
MCX E315 MLF	LQFP48
MCX E315 MPA	HDQFP100
MCX E316 MLF	LQFP48
MCX E316 MPA	HDQFP100
MCX E317 MPA	HDQFP100
MCX E317 MPB	HDQFP172
MCX E31B MPB	HDQFP172

Parameters: Random Hardware Integrity up to SIL 2
Systematic Capability SC 3

Tested according to: IEC 61508-1:2010
IEC 61508-2:2010

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: NE106254C
Valid until: 2031-01-29
Date, 2026-01-30

(Christian Dirmeier)