



Product Service

CERTIFICATE

No. Z10 084071 0026 Rev. 00

Holder of Certificate: **Texas Instruments Incorporated**

13905 University Blvd.
Sugar Land TX 77479
USA

Certification Mark:



Product: **Safety components
Safety MCUs**

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 and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: TD101640C

Valid until: 2028-10-19

Date, 2023-10-23

(Guido Neumann)

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Parameters: up to ASIL B
up to SIL 2
Systematic Capability ASIL D
Systematic Capability SIL 3

Tested according to: ISO 26262-2:2018
ISO 26262-5:2018
ISO 26262-6:2018
ISO 26262-7:2018
ISO 26262-8:2018
ISO 26262-9:2018
IEC 61508-2:2010
IEC 61508-3:2010

Model(s): TMS320F280015x

Name	Package	Datasheet
F2800157QPHPQ1	PHP (HTQFP, 48)	SPRSP68
F2800157QPHPRQ1	PHP (HTQFP, 48)	
F2800157EPHPQ1	PHP (HTQFP, 48)	
F2800157EHPHRQ1	PHP (HTQFP, 48)	
F2800156QPHPQ1	PHP (HTQFP, 48)	
F2800156QPHPRQ1	PHP (HTQFP, 48)	
F2800156EPHPQ1	PHP (HTQFP, 48)	
F2800156EHPHRQ1	PHP (HTQFP, 48)	
F2800155QPHPRQ1	PHP (HTQFP, 48)	
F2800154QPHPRQ1	PHP (HTQFP, 48)	
F2800153QPHPRQ1	PHP (HTQFP, 48)	
F2800152QPHPRQ1	PHP (HTQFP, 48)	
F2800157SPHP	PHP (HTQFP, 48)	
F2800157SPHPR	PHP (HTQFP, 48)	
F2800155SPHPR	PHP (HTQFP, 48)	
F2800157QPMQ1	PM (LQFP, 64)	
F2800157QPMRQ1	PM (LQFP, 64)	
F2800156QPMQ1	PM (LQFP, 64)	
F2800156QPMRQ1	PM (LQFP, 64)	
F2800155QPMRQ1	PM (LQFP, 64)	
F2800154QPMRQ1	PM (LQFP, 64)	
F2800157SPM	PM (LQFP, 64)	
F2800157SPMR	PM (LQFP, 64)	
F2800155SPMR	PM (LQFP, 64)	
F2800157QPNQ1	PN (LQFP, 80)	
F2800157QPNRQ1	PN (LQFP, 80)	
F2800156QPNQ1	PN (LQFP, 80)	
F2800156QPNRQ1	PN (LQFP, 80)	
F2800155QPNRQ1	PN (LQFP, 80)	
F2800154QPNRQ1	PN (LQFP, 80)	
F2800157SPN	PN (LQFP, 80)	
F2800157SPNR	PN (LQFP, 80)	
F2800155SPNR	PN (LQFP, 80)	