



Product Service

CERTIFICATE

No. Z10 084071 0027 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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: TD102963C

Valid until: 2029-05-28

Date, 2024-05-29

(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): TMS320F28P65x

Name	Package	Datasheet
F28P650DK9PTP	PTP (HLQFP, 176)	SPRSP69
F28P650DH6PTP	PTP (HLQFP, 176)	
F28P650DK6PTP	PTP (HLQFP, 176)	
F28P650DK7PTP	PTP (HLQFP, 176)	
F28P650DK8PTP	PTP (HLQFP, 176)	
F28P650SH6PTP	PTP (HLQFP, 176)	
F28P650SH7PTP	PTP (HLQFP, 176)	
F28P650SK6PTP	PTP (HLQFP, 176)	
F28P650SK7PTP	PTP (HLQFP, 176)	
F28P659DK8PTPQ1	PTP (HLQFP, 176)	
F28P659SH6PTPQ1	PTP (HLQFP, 176)	
F28P650DH6PZPR	PZP (HTQFP, 100)	
F28P650DK6PZP	PZP (HTQFP, 100)	
F28P650DK6PZPR	PZP (HTQFP, 100)	
F28P650SH6PZPR	PZP (HTQFP, 100)	
F28P650SK6PZPR	PZP (HTQFP, 100)	
F28P659DH8PZPRQ1	PZP (HTQFP, 100)	
F28P659DK8PZPQ1	PZP (HTQFP, 100)	
F28P659DK8PZPRQ1	PZP (HTQFP, 100)	
F28P659SH6PZPRQ1	PZP (HTQFP, 100)	
F28P650DH6ZEJR	ZEJ (NFBGA, 256)	
F28P650DK6ZEJR	ZEJ (NFBGA, 256)	
F28P650DK7ZEJR	ZEJ (NFBGA, 256)	
F28P650DK8ZEJR	ZEJ (NFBGA, 256)	
F28P650DK9ZEJ	ZEJ (NFBGA, 256)	
F28P650DK9ZEJR	ZEJ (NFBGA, 256)	
F28P650SH6ZEJR	ZEJ (NFBGA, 256)	
F28P650SH7ZEJR	ZEJ (NFBGA, 256)	
F28P650SK6ZEJR	ZEJ (NFBGA, 256)	
F28P650SK7ZEJR	ZEJ (NFBGA, 256)	



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F28P659DK8ZEJQ1	ZEJ (NFBGA, 256)
F28P659DK8ZEJRQ1	ZEJ (NFBGA, 256)
F28P650DH6NMRR	NMR (NFBGA, 169)
F28P650DK6NMRR	NMR (NFBGA, 169)
F28P650DK7NMRR	NMR (NFBGA, 169)
F28P650DK8NMRR	NMR (NFBGA, 169)
F28P650DK9NMR	NMR (NFBGA, 169)
F28P650DK9NMRR	NMR (NFBGA, 169)
F28P650SH6NMRR	NMR (NFBGA, 169)
F28P650SH7NMRR	NMR (NFBGA, 169)
F28P650SK6NMRR	NMR (NFBGA, 169)
F28P650SK7NMRR	NMR (NFBGA, 169)