

FlexRay™ Protocol Conformance Certificate

Device (IUT):

Name: Freescale MPC5604P Pictus

Version: Mask Revision: 0x15 (SIU_MIDR1[24:31])
 FlexRay Controller Version: 0x9C66 (FR_MVR[0:15])

Vendor: Freescale Semiconductor Inc.
 6501 William Cannon Drive West
 Austin, Texas 78735
 U.S.A.

Test basis:

FlexRay™ protocol version: 2.1 / 2.1RevA
 Test specification version: 2.1.2

Test execution:

Date: 09.02.2011
 Hour of completion: 02:05

Test results:

Test cases executed: 275
 Test cases passed: 275
 Test cases failed: 0

Test report:

Execution ID: Freescale
 MPC5604Pictus1297213525465

Essen, 09.02.2011

TÜV NORD Mobilität GmbH & Co.KG
 Institute for Vehicle Technology and Mobility

IUT-Details – According to the vendor’s data sheet, the IUT has the following peculiarities and optional features:

Peculiarity	Value
MTS transmission activation adjustment time-string	-1:x:x:0:0:0
MTS transmission deactivation adjustment time-string	0:x:x:0:0:0
MTS transmission deactivation required	True
cIntDecoderDelay [ST]	13
cColdstartCollisionAbortDelay [µT]	33
Message ID filtering impl. Via valid message indicator	True
Optional feature	Supported/Unsupported
Message ID filtering	Unsupported
Relative timer	Supported
Network Management Vector	Supported
(Re)setting of the ‘transmit buffer valid flag’	Supported

This certificate is valid for the hardware and software configuration documented in the test report.