

# FlexRay™ Protocol Conformance Certificate

**Device (IUT):**

Name: Freescale MPC5674F Mamba

Version: Mask Revision: 0x11 (SIU\_MIDR[24:31])  
 FlexRay Controller Version: 0x9e66 (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: 29.01.2011  
 Hour of completion: 02:21

**Test results:**

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

**Test report:**

Execution ID: Freescale  
 PPC5674FMamba1296264080408

Essen, 29.01.2011

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

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

<b>Peculiarity</b>	<b>Value</b>
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
<b>Optional feature</b>	<b>Supported/Unsupported</b>
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.

