

# Deutsche Akkreditierungsstelle GmbH

## Annex to the Accreditation Certificate D-PL-12102-02-00 according to DIN EN ISO/IEC 17025:2018

**Valid from:** 17.02.2022

**Date of issue:** 03.06.2022

Holder of certificate:

**Conti Temic microelectronic GmbH  
Ringlerstraße 17, 85057 Ingolstadt**

At location:

**Conti Temic microelectronic GmbH  
Prüflabor für Umweltsimulation Ingolstadt  
Ringlerstraße 17, 85057 Ingolstadt**

Tests in the fields:

**Environmental Simulation**

**The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.**

*The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories. Laboratories that conform to the requirements of this standard, operate generally in accordance with the principles of DIN EN ISO 9001.*

*The certificate together with the annex reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH at <https://www.dakks.de/en/content/accredited-bodies-dakks>.*

Abbreviations used: see last page

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**This document is a translation. The definitive version is the original German annex to the accreditation certificate.**

**Annex to the accreditation certificate D-PL-12102-02-00**

Technical field	Standard / in house procedure (Version)	Title of standard or in house procedure	Test Range / Reductions
Environmental testing	DIN EN 60068-2-1:2008 VDE 0468-2-1:2008 EN 60068-2-1:2007	Environmental testing - Part 2-1: Tests - Test A: Cold (IEC 60068-2-1:2007); German version EN 60068-2-1:2007	
Environmental testing	IEC 60068-2-1:2007	Environmental testing – Part 2-1: Tests – Test A: Cold	
Environmental testing	DIN EN 60068-2-2:2008 VDE 0468-2-2:2008 EN 60068-2-2:2007	Environmental testing - Part 2-2: Tests - Test B: Dry heat (IEC 60068-2-2:2007); German version EN 60068-2-2:2007	
Environmental testing	IEC 60068-2-2:2007	Environmental testing – Part 2-2: Tests – Test B: Dry heat	
Environmental testing	DIN EN 60068-2-6:2008 VDE 0468-2-6:2008 EN 60068-2-6:2008	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal) (IEC 60068-2-6:2007); German version EN 60068-2-6:2008	
Environmental testing	IEC 60068-2-6:2007	Environmental testing – Part 2-6: Tests – Test Fc: Vibration (sinusoidal)	
Environmental testing	DIN EN 60068-2-11:2000 EN 60068-2-11:1999	Environmental testing - Part 2: Tests; test Ka: Salt mist (IEC 60068-2-11:1981); German version EN 60068-2-11:1999	
Environmental testing	IEC 60068-2-11:2021	Environmental testing – Part 2-11: Tests – Test Ka: Salt mist	
Environmental testing	DIN EN 60068-2-14:2010 VDE 0468-2-14:2010 EN 60068-2-14:2009	Environmental testing - Part 2-14: Tests - Test N: Change of temperature (IEC 60068-2-14:2009); German version EN 60068-2-14:2009	Excluding Test Nc: Rapid change of temperature, two-fluid-bath method
Environmental testing	IEC 60068-2-14:2009	Environmental testing – Part 2-14: Tests – Test N: Change of temperature	Excluding Test Nc: Rapid change of temperature, two-fluid-bath method

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Environmental testing	DIN EN 60068-2-27:2010 VDE 0468-2-27:2010 EN 60068-2-27:2009	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock (IEC 60068-2-27:2008); German version EN 60068-2-27:2009	
Environmental testing	IEC 60068-2-27:2008	Environmental testing – Part 2-27: Tests – Test Ea and guidance: Shock	
Environmental testing	DIN EN 60068-2-30:2006 EN 60068-2-30:2005	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle) (IEC 60068-2-30:2005); German version EN 60068-2-30:2005	
Environmental testing	IEC 60068-2-30:2005	Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 h + 12 h cycle)	
Environmental testing	DIN EN 60068-2-31:2009 VDE 0468-2-31:2009 EN 60068-2-31:2008	Environmental testing - Part 2-31: Tests - Test Ec: Rough handling shocks, primarily for equipment-type specimens (IEC 60068-2-31:2008); German version EN 60068-2-31:2008	Limitation: Only Test Free Fall – Procedure 1
Environmental testing	IEC 60068-2-31:2008	Environmental testing – Part 2-31: Tests – Test Ec: Rough handling shocks, primarily for equipment-type specimens	Limitation: Only Test Free Fall – Procedure 1
Environmental testing	DIN EN 60068-2-38:2010 VDE 0468-2-38:2010 EN 60068-2-38:2009	Environmental testing - Part 2-38: Tests - Test Z/AD: Composite temperature/humidity cyclic test (IEC 60068-2-38:2009); German version EN 60068-2-38:2009	
Environmental testing	IEC 60068-2-38:2009	Environmental testing – Part 2-38: Tests – Test Z/AD: Composite temperature/humidity cyclic test	
Environmental testing	DIN EN 60068-2-52:2018 VDE 0468-2-52:2018 EN 60068-2-52:2018	Environmental testing - Part 2-52: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution) (IEC 60068-2-52:2017); German version EN IEC 60068-2-52:2018	

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Environmental testing	IEC 60068-2-52:2017	Environmental testing – Part 2-52: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution)	
Environmental testing	DIN EN 60068-2-64:2020 VDE 0468-2-64: 2020 EN 60068-2-64:2008 + A1:2019	Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance (IEC 60068-2-64:2008 + A1:2019); German version EN 60068-2-64:2008 + A1:2019	Excluding Kurtosis Test
Environmental testing	IEC 60068-2-64:2019	Environmental testing – Part 2-64: Tests – Test Fh: Vibration, broadband random and guidance	Excluding Kurtosis Test
Environmental testing	DIN EN 60068-2-67:2020 VDE 0468-2-67:2020 EN 60068-2-67:1996 + A1:2019	Environmental testing - Part 2-67: Tests - Test Cy: Damp heat, steady state, accelerated test primarily intended for components (IEC 60068-2-67:1995 + A1:2019); German version EN 60068-2-67:1996 + A1:2019	
Environmental testing	IEC 60068-2-67: 2019	Environmental testing – Part 2: Tests – Test Cy: Damp heat, steady state, accelerated test primarily intended for components	
Environmental testing	DIN EN 60068-2-78:2014 VDE 0468-2-78:2014 EN 60068-2-78:2013	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state (IEC 60068-2-78:2012); German version EN 60068-2-78:2013	
Environmental testing	IEC 60068-2-78:2012	Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state	
Environmental testing	ISO 20653:2013	Road vehicles – Degrees of protection (IP-Code) – Protection of electrical equipment against foreign objects, water and access	Without IP1X – IP4X