

## Deutsche Akkreditierungsstelle

### Annex to the Accreditation Certificate D-PL-12102-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 09.02.2024

Date of issue: 15.03.2024

Holder of accreditation certificate:

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

with the location

**Conti Temic microelectronic GmbH**  
**EMV-Labor**  
**Ringlerstraße 17, 85057 Ingolstadt**

The testing laboratory meets the requirements of DIN EN ISO/IEC 17025:2018 to carry out the conformity assessment activities listed in this annex. The testing laboratory meets additional legal and normative requirements, if applicable, including those in relevant sectoral schemes, provided that these are explicitly confirmed below.

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories and they conform to the general with the principles of DIN EN ISO 9001.

Tests in the fields:

**Electromagnetic Compatibility (EMC)**

**Within the scope of accreditation marked with \*), 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.**

*This certificate annex is only valid together with the written accreditation certificate and 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>.*

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.**

The testing laboratory maintains a current list of all testing procedures within the flexible scope of accreditation.

The scope marked with \*\* is not subject to flexibility

Department	Standard / in house procedure / Version	Title of standard or in house procedure	Inspection / Restriction
<b>Basic Standard</b>			
EMV	IEC 61000-4-2 2008-12 *	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	
<b>Automotive Standard</b>			
EMV	ISO 10605 2008-07 * Cor1 2010-03 AMD1 2014-04	Road vehicles - Test methods for electrical disturbances from electrostatic discharge	
EMV	SAE J1113-13 2015-02 *	Electromagnetic Compatibility Measurement Procedure for Vehicle Components - Part 13 - Immunity to Electrostatic Discharge	
EMV	IEC-CISPR 25 2021-12*	Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers	without chapter 5 Measurement of emissions received by an antenna on the same vehicle without Annex H Test methods for power supply systems for high voltages in electric and hybrid vehicles
EMV	ISO 11452-2 2019-01 *	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 2: Absorber-lined shielded enclosure	without chapter 8 for DUT powered by a shielded power system
EMV	ISO 11452-3 2016-09 *	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 3: Transverse electromagnetic (TEM) cell	

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EMV	ISO 11452-4 2020-04 *	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 4: Harness excitation methods	without chapter 8 for DUT powered by a shielded power system
EMV	SAE J1113-4 2020-02 *	Immunity to Radiated Electromagnetic Fields - Bulk Current Injection (BCI) Method	
EMV	ISO 11452-5 2002-04 *	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 5: Stripline	
EMV	ISO 11452-7 2003-11 * AMD1 (2013-06)	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 7: Direct radio frequency (RF) power injection	
EMV	ISO 11452-8 2015-06 *	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 8: Immunity to magnetic fields	
EMV	ISO 11452-9 2021-10 *	Road vehicles - Component test methods for electrical disturbances from narrowband radiated electromagnetic energy - Part 9: Portable transmitters	without HV power supply system
EMV	ISO 7637-2 2011-03 *	Road vehicles - Electrical disturbances from conduction and coupling - Part 2: Electrical transient conduction along supply lines only	
EMV	ISO 7637-3 2016-07 *	Road vehicles - Electrical disturbances from conduction and coupling - Part 3: Electrical transient transmission by capacitive and inductive coupling via lines other than supply lines	
EMV	ISO 16750-2 2012-11 *	Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 2: Electrical loads	no Withstand Voltage and Insulation Resistance Test Method

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<b>Withdrawn Standards (are still referenced to)</b>			
<b>Automotive</b>			
EMV	SAE J1113-21 2005-10 ** (withdrawn)	Electromagnetic Compatibility Measurement Procedure for Vehicle Components Part 21: Immunity to Electromagnetic Fields, 30 MHz to 18 GHz, Absorber-Lined Chamber	
EMV	SAE J1113-23 1995-09 ** (withdrawn)	Electromagnetic Compatibility Measurement Procedure for Vehicle Components - Immunity to Radiated Electromagnetic Fields, 10 kHz to 200 MHz, Strip Line Method	
EMV	SAE J1113-25 1999-02 ** (withdrawn)	Electromagnetic Compatibility Measurement Procedure for Vehicle Components - Immunity to Radiated Electromagnetic Fields, 10 kHz to 1000 MHz, Tri-Plate Line Method	

**Abbreviations used:**

AMD	Amendment
CISPR	International Special Committee on Radio Interference
Cor	Correction
DIN	Deutsches Institut für Normung e.V. – German institute for standardization
EN	Europäische Norm – European Standard
IEC	International Electrotechnical Commission
ISO	International Organization for Standardisation
SAE J	Ground Vehicle Standards of SAE