

**Dear Customer,**

With this INFINEON Technologies Information Note we would like to inform you about the following

## **Datasheet update affecting TLE9255W**

N° 117/18

## Datasheet update affecting TLE9255W

► **Products affected:** Please refer to attached affected product list 1\_cip11718

► **Detailed Change Information:**

**Subject:** Datasheet update to rev. 1.03

**Reason:** Updated limits for ESD and some other parameters

**Description:**

	<u>Old</u>		<u>New (rev.1.03)</u>	
■ ESD CANH, CANL, WAKE, $V_{BAT}$ vs. GND	+-8kV		+-10kV	
■ ESD all other pins	+-2kV		+-4kV	
■ ESD robustness acc. to IEC 61000-4-2	+-8kV		+-10kV	
■ Tightened limits for $V_{BAT}$ supply current at normal operating mode; $I_{BAT\_NM}$ (P_10.2.1)	Typ. 0.8 mA	Max. 6 mA	Typ. 0.8 mA	Max. 1.3 mA
■ Tightened limits for $V_{CC}$ supply current dominant bus signal at normal operating mode; $I_{CC\_NM\_D}$ (P_10.2.1)	35 mA	60 mA	35 mA	45 mA
■ Tightened limits for $V_{IO}$ supply current at normal operating mode; $I_{IO\_NM}$ (P_10.2.4)	0.2 mA	5 mA	0.2 mA	0.5 mA
■ Tightened limits for $V_{BAT}$ and $V_{CC}$ supply current at receive-only mode; $I_{BAT\_CC\_ROM}$ (P_10.2.5)	0.9 mA	6 mA	0.9 mA	1.3 mA
■ Pin configuration for TSON package added	(not available)		Figure 2	
■ Test condition for the parameters * Absolute Current on CAN_L / CAN_H * Driver Symmetry * Input resistance deviation between CANH and CANL (P_10.04.14), (P_10.04.13), (P_10.04.12), (P_10.04.26)	not compliant to ISO 11898-2 (2016)		compliant to ISO 11898-2 (2016)	
■ Package outline TSON	old drawing		updated drawing	

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- ▶ **Product Identification:** No change in product. New data sheet available on Internet from 2019-01-14.
- ▶ **Impact of Change:** No change on product. Description in datasheet updated. Tighter limits possible.
- ▶ **Attachments:**  
1\_cip11718 affected product list  
3\_cip11718 datasheet revision 1.03
- ▶ **Intended start of delivery:** New datasheet available on Internet from 2019-01-14

If you have any questions, please do not hesitate to contact your local Sales office.

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<b>Sales name</b>	<b>SP number</b>	<b>OPN</b>	<b>Package</b>
TLE9255WLC	SP001373598	TLE9255WLCXUMA1	PG-TSON-14
TLE9255WSK	SP001373592	TLE9255WSKXUMA1	PG-DSO-14
TLE9255WSK	SP001593528	TLE9255WSKXUMA2	PG-DSO-14