

**Dear Customer,**

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

### **Revision of Electrical Characteristics for Table 6 and Table 8 in Gen5 Quasi-Resonant CoolSET™ datasheet**

### Revision of Electrical Characteristics for Table 6 and Table 8 in Gen5 Quasi-Resonant CoolSET™ datasheet

#### ► Products affected:

Sales Name	SP N°	OPN	Package
ICE5QR4770AZ	SP001459972	ICE5QR4770AZXKLA1	PG-DIP-7-6
ICE5QR4780AZ	SP001459954	ICE5QR4780AZXKLA1	PG-DIP-7-6
ICE5QR2270AZ	SP001459978	ICE5QR2270AZXKLA1	PG-DIP-7-6
ICE5QR2280AZ	SP001459960	ICE5QR2280AZXKLA1	PG-DIP-7-6
ICE5QR1070AZ	SP001459984	ICE5QR1070AZXKLA1	PG-DIP-7-6
ICE5QR0680AZ	SP001459970	ICE5QR0680AZXKLA1	PG-DIP-7-6
ICE5QR4770AG	SP001459990	ICE5QR4770AGXUMA1	PG-DSO-12-21
ICE5QR1680AG	SP001459996	ICE5QR1680AGXUMA1	PG-DSO-12-21
ICE5QR0680AG	SP001460002	ICE5QR0680AGXUMA1	PG-DSO-12-21

#### ► Detailed Change Information:

**Subject:** Revision of data sheet.

**Reason:** Table 6, the limit values for  $V_{DS}$  shall be at the maximum column  
 Table 8, the polarity for maximum limit on  $I_{VCC\_Charge1}$  shall be negative  
 Additional text content revised for clarity.  
 - Table 6: Adding the condition of “ $T_a=25^{\circ}C$  unless otherwise specified” in attention description.  
 - Table 6: Specifying that the absolute maximum rating of  $V_{DS}$  is referring to CoolMOS™ only.  
 - Table 6: removing the test condition of “ $T_C = 25^{\circ}C$ ” for Pulse drain current  $I_{D\_Pulse}$ .  
 - Table 6: Adding the condition of “ $t_{AR}$  limited by max.  $T_J=150^{\circ}C$  with  $T_{J,Start}=25^{\circ}C$ ” for Avalanche energy  $E_{AR}$  and Avalanche current  $I_{AR}$

**Description:** Old Data Sheet Versions New Data Sheet Versions

■ Version 2.0, 07 Jul 2017

■ Version 2.1, 11 Aug 2017

#### ► Impact of Change:

Not applicable (no change of product).

#### ► Attachments:

1\_CIP10160\_A (data sheet)

# ERRATA



N° 10160AERRA

► **Implementation Date:** New data sheets are available.

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