

Dear Customer,

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

Update of Datasheets for CoolGaN Products

Infineon Technologies AG

Postal Address Headquarters: Am Campeon 1-15, D-85579 Neubiberg, Phone +49 (0)89 234-0

Chairman of the Supervisory Board: Dr. Wolfgang Eder

Management Board: Dr. Reinhard Ploss (CEO), Dr. Helmut Gassel, Jochen Hanebeck, Dr. Sven Schneider

Registered Office: Neubiberg Commercial Register

Amtsgericht München HRB 126492

Update of Datasheets for CoolGaN Products

► **Products affected:**

Please refer to attached affected product list 1_cip10197_a



► **Detailed Change Information:**

Subject: High voltage (> 600 V) robustness parameter specifications will be added

Reason: (1) To provide guidance for designing power supplies so as to withstand abnormal conditions like surgical strike events
(2) To guarantee the high voltage turn-off transient capability

Description:

<u>Old</u>	<u>New</u>
■ Datasheet revision date before 16 January 2020	■ Datasheet revision date after 15 January 2020
■	■ Added minimum destructive breakdown voltage ($V_{DS,bd}$) rating of 800 V
■	■ Added maximum surge voltage ($V_{DS,surge}$) rating of 750 V
■	■ Added high voltage pulse ($V_{DS,pulse}$) ratings of <ul style="list-style-type: none">○ 750 V at $T_j = 25\text{ °C}$○ 650 V at $T_j = 125\text{ °C}$

► **Impact of Change:**

This is strictly a datasheet revision with no changes in power switch's design, production or product test limits

► **Attachments:**

Affected product list: 1_cip10197_a
New datasheets: 3_cip10197_a

► **Implementation Date:**

2020-01-24

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