

Dear Customer,

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

Unification of isolation test conditions for IGBT modules in IHV-A 6.5kV housings

N° 168/17

Unification of isolation test conditions for IGBT modules in IHV-A 6.5kV housings

- **Products affected:** See attached 1_cip_168_17 product file
- **Detailed Change Information:**
- Subject:** Isolation test conditions
- Reason:** Unification of isolation test conditions according to international standard IEC 61287-1
- Description:**
- | <u>Old</u> | <u>New</u> |
|--|--|
| <ul style="list-style-type: none">■ Isolation test conditions RMS, f = 50Hz, t = 1 min.■ Visol = 10,2kV | <ul style="list-style-type: none">■ Isolation test conditions RMS, f = 50Hz, t = 10s,■ Visol = 10,4kV |
- **Product Identification:** The products which are tested under new isolation test conditions can be identified by date-code.
- **Impact of Change:** Beside the above mentioned changes, the other specifications of the mentioned modules, like electrical- and mechanical module parameters, remain unchanged according to JEDEC Standard JESD46-C: form, fit, function and reliability.
- **Attachments:** Datasheets will be updated and available on the Infineon website.
- **Intended start of delivery:** From February 2018 onwards

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

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Sales Name	SP number	OPN	Package
DD250S65K3	SP000974182	DD250S65K3NOSA1	A-IHV130-6-1
DD500S65K3	SP001027770	DD500S65K3NOSA1	A-IHV130-6-1
DD600S65K3	SP000996770	DD600S65K3NOSA1	A-IHV130-6-1
DD750S65K3	SP001027752	DD750S65K3NOSA1	A-IHV130-6-1
DD750S65K3	SP001087468	DD750S65K3NOSA2	A-IHV130-6-1
FD250R65KE3-K	SP000976698	FD250R65KE3KNOSA1	A-IHV130-6-1
FD500R65KE3-K	SP001035672	FD500R65KE3KNOSA1	A-IHV190-6-1
FD600R17KE3-K_B5	SP000091878	FD600R17KE3KB5NOSA1	A-IHV130-6-1
FZ250R65KE3	SP000975420	FZ250R65KE3NPSA1	A-IHV73-6-1
FZ250R65KE3	SP001133132	FZ250R65KE3NOSA1	A-IHV73-6-1
FZ400R33KL2C_B5	SP000100621	FZ400R33KL2CB5NOSA1	A-IHV73-6-1
FZ400R65KE3	SP000961660	FZ400R65KE3NOSA1	A-IHV130-6-1
FZ500R65KE3	SP000798562	FZ500R65KE3NOSA1	A-IHV130-6-1
FZ600R65KE3	SP000798522	FZ600R65KE3NOSA1	A-IHV190-6-1
FZ750R65KE3	SP000555604	FZ750R65KE3NOSA1	A-IHV190-6-1
FZ750R65KE3	SP001087442	FZ750R65KE3NPSA1	A-IHV190-6-1