

# Product/process change notification

PCN N° 2023-081-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

## Adjustment of datasheet values for DD380N16A

Important information for your attention:

- Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **2023-04-12**
- Infineon aligns with the widely recognized JEDEC STANDARD “**JESD46**“, which stipulates: **“Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.”**

Your prompt reply will help Infineon to assure a smooth and well-executed transition. If Infineon does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your attention and response to this matter is greatly appreciated.

#### Infineon Technologies AG

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Registered office Neubiberg Commercial register Amtsgericht München HRB 126492

# Product/process change notification

**PCN N° 2023-081-A**

► **Products affected**

Please refer to attached affected product list  
"PCN\_2023-081-A\_[customer-no].pdf"

► **Detailed change information**

**Subject** Adjustment of datasheet values

**Reason** Chip and Module Harmonization

**Description**

<u>Old</u>	<u>New</u>
■ $V_F \leq 1,4V @ I_F=1500A$	■ $V_F \leq 1,52V @ I_F=1500A$
■ $r_T \leq 0,32m\Omega$	■ $r_T \leq 0,4m\Omega$
■ $R_{thJC \sin 180^\circ} \leq 0,125K/W$	■ $R_{thJC \sin 180^\circ} \leq 0,112K/W$
■ $I_{TAV} = 380A @ T_C=100^\circ C$	■ $I_{TAV} = 380A @ T_C=100^\circ C$
■ Module filled with hard resin	■ Module filled with soft gel

► **Product identification**

By Datecode

► **Impact of change**

Slightly different behavior due to changed electrical and thermal parameters. Higher losses are compensated by lower thermal resistance. No change in outer dimensions

► **Attachments**

PCN\_2023-081-A\_[customer-no].pdf

affected product list

► **Time schedule**

- Final qualification report available
- First samples available on request
- Intended start of delivery 2023-06-01

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

## PCN 2023-081-A



Adjustment of datasheet values for DD380N16A

Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
DD380N16A	SP000782322	DD380N16AHPSA1	BG-PB50AT-1-1	DD380N16AHPSA1