

# Product/process change notification

PCN N° 2021-183-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

## Datasheet Change for Adjustment of Clamp Diode Characterization

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 **2021-12-20**
- 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.



On 16 April 2020, Infineon acquired Cypress.  
We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance.  
For further details, please visit our website:  
<https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

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# Product/process change notification

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► **Products affected**

Please refer to attached affected product list 1\_cip21183\_A

► **Detailed change information**

**Subject**

Datasheet change for adjustment of clamp diode characterization

**Reason**

Reflect a pertinent “state of the art” specification for clamp diodes in datasheet to ease application design for customers

**Description**

| <u>Old</u>                                                                                                                                                                          | <u>New</u>                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>■ Specification of clamp diode leakage current</li> </ul>                                                                                    | <ul style="list-style-type: none"> <li>■ Specification of clamp diode voltage</li> </ul>                                                                                            |
| <ul style="list-style-type: none"> <li>■ datasheet revisions</li> </ul>                                                                                                             | <ul style="list-style-type: none"> <li>■ datasheet revision</li> </ul>                                                                                                              |
| IGOT60R070D1 E8237: rev 2.0<br>IGOT60R070D1: rev 2.13<br>IGO60R070D1: rev 2.12<br>IGT60R070D1: rev 2.13<br>IGLD60R070D1: rev 2.12<br>IGLD60R190D1: rev 2.11<br>IGT40R070D1: rev 2.0 | IGOT60R070D1 E8237: rev 2.1<br>IGOT60R070D1: rev 2.14<br>IGO60R070D1: rev 2.13<br>IGT60R070D1: rev 2.14<br>IGLD60R070D1: rev 2.13<br>IGLD60R190D1: rev 2.12<br>IGT40R070D1: rev 2.1 |

► **Product identification**

No change of marking, identification via Baunumber, Lotnumber, date code.

► **Impact of change**

No change in product / process  
 No application relevant impact expected  
 Potential increase of gate circuit power consumption in case of operation beyond specified minimum clamp voltage of ESD diode

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## ► Attachments

|                            |   |              |
|----------------------------|---|--------------|
| Affected product list      | : | 1_cip21183_a |
| Final qualification report | : | 2_cip21183_a |
| Data sheets:               |   | 3_cip21183_a |

## ► Time schedule

- |                              |            |
|------------------------------|------------|
| ■ Final qualification report | available  |
| ■ First samples available    | on request |
| ■ Intended start of delivery | 2021-12-01 |

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



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Datasheet Change for Adjustment of Clamp Diode Characterization

| <b>Sales name</b>  | <b>SP number</b> | <b>OPN</b>             | <b>Package</b> |
|--------------------|------------------|------------------------|----------------|
| IGLD60R070D1       | SP001705420      | IGLD60R070D1AUMA1      | PG-LSON-8      |
| IGLD60R070D1       | SP005557209      | IGLD60R070D1AUMA3      | PG-LSON-8      |
| IGLD60R190D1       | SP001705426      | IGLD60R190D1AUMA1      | PG-LSON-8      |
| IGLD60R190D1       | SP005557217      | IGLD60R190D1AUMA3      | PG-LSON-8      |
| IGO60R070D1        | SP005557222      | IGO60R070D1AUMA2       | PG-DSO-20      |
| IGOT60R070D1       | SP001505772      | IGOT60R070D1AUMA1      | PG-DSO-20      |
| IGOT60R070D1       | SP005557207      | IGOT60R070D1AUMA3      | PG-DSO-20      |
| IGOT60R070D1 E8237 | SP005423176      | IGOT60R070D1E8237AUMA1 | PG-DSO-20      |
| IGT40R070D1        | SP001998280      | IGT40R070D1ATMA1       | PG-HSOF-8      |
| IGT60R070D1        | SP001300364      | IGT60R070D1ATMA1       | PG-HSOF-8      |
| IGT60R070D1        | SP004308606      | IGT60R070D1ATMA2       | PG-HSOF-8      |
| IGT60R070D1        | SP005557216      | IGT60R070D1ATMA4       | PG-HSOF-8      |
| IGT60R190D1        | SP005557226      | IGT60R190D1ATMA1       | PG-HSOF-8      |