

# Product/process change notification

PCN N° 2021-165-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

## Introduction of an additional assembly and final test location at HYME for CoolMOS™, package TO252/251-3

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 **2022-04-15**
- 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/>

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, Constanze Hufenbecher, Dr. Sven Schneider  
Registered Office: Neubiberg  
Commercial Register: München HRB 126492

# Product/process change notification

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## ► Products affected

Please refer to attached affected product list  
 “PCN\_2021-165-A\_[customer-no].pdf”

## ► Detailed change information

**Subject** Introduction of an additional assembly and final test location at HYME for CoolMOS™, package TO252/251-3.

**Reason** Expansion of assembly and test location to assure continuity, increase capacity and supply flexibility.

Description	Old	New
Assembly and test location	<ul style="list-style-type: none"> <li>■ Tongfu Microelectronics Co Ltd. (TFME), China</li> <li>■ ASE (Weihai) Inc., China</li> <li>■ Infineon Technologies (Malaysia) Sdn. Bhd., Melaka, Malaysia</li> </ul>	<ul style="list-style-type: none"> <li>■ In addition: Huayi Microelectronics Co., Ltd (HYME), China</li> </ul>
Mold compound	<ul style="list-style-type: none"> <li>■ CEL 9220 HF13</li> <li>■ KMC 2110 G-7</li> <li>■ KTMC 5400 GI</li> </ul>	<ul style="list-style-type: none"> <li>■ In addition: EME G700 HF</li> </ul>

## ► Product identification

Traceability via baunumber, lotnumber, date code and marking (please refer to 3\_cip21165\_a).

## ► Impact of change

Based on all assessments, Infineon does not see any negative impact on product quality, function and reliability.

**NO** change on electrical and thermal performance.  
**NO** impact on device reliability as proven via product qualification.  
**NO** impact on electrical parameters and device process ability at customer end.  
**NO** change in package outer dimensions for DPAK (IPD..., SPD...) and IPAK short lead (IPS...).  
 IPAK long lead (IPU..., SPU...) package drawing in IFX datasheet was amended for L1min from 1.9 to 0.85mm and L2min from 0.89 to 0.88mm

For detailed information please refer to 3\_cip21165\_a

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## ► Attachments

PCN_2021-165-A_[customer-no].pdf	affected product list
2_cip21165_a	qualification test report
3_cip21165_a	information package

## ► Time schedule

■ Final qualification report	2022-01-13 (see 2_cip21165_a)
■ First samples available	on request, March 2022 onwards
■ Intended start of delivery	June 2022 onwards, or earlier upon customer acceptance

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

## PCN 2021-165-A

Introduction of an additional assembly and final test location at HYME for  
Coolmos TM, package TO252/251-3



Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
IPD60R180C7	SP001277630	IPD60R180C7ATMA1	PG-TO252-3	IPD60R180C7ATMA1
IPD60R180P7	SP001606052	IPD60R180P7ATMA1	PG-TO252-3	IPD60R180P7ATMA1
IPD60R1K4C6	SP001292870	IPD60R1K4C6ATMA1	PG-TO252-3	IPD60R1K4C6ATMA1
IPD60R280P7	SP001658316	IPD60R280P7ATMA1	PG-TO252-3	IPD60R280P7ATMA1
IPD60R360P7	SP001606048	IPD60R360P7ATMA1	PG-TO252-3	IPD60R360P7ATMA1
IPD60R380C6	SP001117716	IPD60R380C6ATMA1	PG-TO252-3	IPD60R380C6ATMA1
IPD60R380P6	SP001135814	IPD60R380P6ATMA1	PG-TO252-3	IPD60R380P6ATMA1
IPD60R385CP	SP000680638	IPD60R385CPATMA1	PG-TO252-3	IPD60R385CPATMA1
IPD60R3K3C6	SP001117718	IPD60R3K3C6ATMA1	PG-TO252-3	IPD60R3K3C6ATMA1
IPD60R600C6	SP001117726	IPD60R600C6ATMA1	PG-TO252-3	IPD60R600C6ATMA1
IPD60R600P6	SP001178242	IPD60R600P6ATMA1	PG-TO252-3	IPD60R600P6ATMA1
IPD60R600P7	SP001606046	IPD60R600P7ATMA1	PG-TO252-3	IPD60R600P7ATMA1
IPD60R950C6	SP001117730	IPD60R950C6ATMA1	PG-TO252-3	IPD60R950C6ATMA1
IPD65R190C7	SP000928648	IPD65R190C7ATMA1	PG-TO252-3	IPD65R190C7ATMA1
IPD65R225C7	SP000929430	IPD65R225C7ATMA1	PG-TO252-3	IPD65R225C7ATMA1
IPD65R380E6	SP001117736	IPD65R380E6ATMA1	PG-TO252-3	IPD65R380E6ATMA1
IPD80R1K0CE	SP001130974	IPD80R1K0CEATMA1	PG-TO252-3	IPD80R1K0CEATMA1
IPD80R1K2P7	SP001644252	IPD80R1K2P7ATMA1	PG-TO252-3	IPD80R1K2P7ATMA1
IPD80R1K4CE	SP001130972	IPD80R1K4CEATMA1	PG-TO252-3	IPD80R1K4CEATMA1
IPD80R1K4P7	SP001422564	IPD80R1K4P7ATMA1	PG-TO252-3	IPD80R1K4P7ATMA1
IPD80R280P7	SP001422596	IPD80R280P7ATMA1	PG-TO252-3	IPD80R280P7ATMA1
IPD80R2K0P7	SP001634906	IPD80R2K0P7ATMA1	PG-TO252-3	IPD80R2K0P7ATMA1
IPD80R2K4P7	SP001644284	IPD80R2K4P7ATMA1	PG-TO252-3	IPD80R2K4P7ATMA1
IPD80R2K8CE	SP001130970	IPD80R2K8CEATMA1	PG-TO252-3	IPD80R2K8CEATMA1
IPD80R360P7	SP001633516	IPD80R360P7ATMA1	PG-TO252-3	IPD80R360P7ATMA1
IPD80R3K3P7	SP001636440	IPD80R3K3P7ATMA1	PG-TO252-3	IPD80R3K3P7ATMA1
IPD80R450P7	SP001422626	IPD80R450P7ATMA1	PG-TO252-3	IPD80R450P7ATMA1
IPD80R4K5P7	SP001422632	IPD80R4K5P7ATMA1	PG-TO252-3	IPD80R4K5P7ATMA1
IPD80R600P7	SP001644246	IPD80R600P7ATMA1	PG-TO252-3	IPD80R600P7ATMA1
IPD80R750P7	SP001644282	IPD80R750P7ATMA1	PG-TO252-3	IPD80R750P7ATMA1
IPD80R900P7	SP001633484	IPD80R900P7ATMA1	PG-TO252-3	IPD80R900P7ATMA1
IPD90R1K2C3	SP001117752	IPD90R1K2C3ATMA1	PG-TO252-3	IPD90R1K2C3ATMA1
IPD95R2K0P7	SP001819720	IPD95R2K0P7ATMA1	PG-TO252-3	IPD95R2K0P7ATMA1
IPD95R450P7	SP001792318	IPD95R450P7ATMA1	PG-TO252-3	IPD95R450P7ATMA1
IPD95R750P7	SP001792316	IPD95R750P7ATMA1	PG-TO252-3	IPD95R750P7ATMA1
IPS80R1K2P7	SP001644626	IPS80R1K2P7AKMA1	PG-TO251-3	IPS80R1K2P7AKMA1
IPS80R2K0P7	SP001634926	IPS80R2K0P7AKMA1	PG-TO251-3	IPS80R2K0P7AKMA1
IPS80R2K4P7	SP001644624	IPS80R2K4P7AKMA1	PG-TO251-3	IPS80R2K4P7AKMA1
IPS80R600P7	SP001644630	IPS80R600P7AKMA1	PG-TO251-3	IPS80R600P7AKMA1
IPS80R750P7	SP001644628	IPS80R750P7AKMA1	PG-TO251-3	IPS80R750P7AKMA1
IPU80R1K2P7	SP001644614	IPU80R1K2P7AKMA1	PG-TO251-3	IPU80R1K2P7AKMA1
IPU80R1K4P7	SP001422742	IPU80R1K4P7AKMA1	PG-TO251-3	IPU80R1K4P7AKMA1
IPU80R3K3P7	SP001636448	IPU80R3K3P7AKMA1	PG-TO251-3	IPU80R3K3P7AKMA1
IPU80R4K5P7	SP001422748	IPU80R4K5P7AKMA1	PG-TO251-3	IPU80R4K5P7AKMA1
IPU80R600P7	SP001644622	IPU80R600P7AKMA1	PG-TO251-3	IPU80R600P7AKMA1
IPU80R900P7	SP001633512	IPU80R900P7AKMA1	PG-TO251-3	IPU80R900P7AKMA1

IPU95R1K2P7	SP001792322	IPU95R1K2P7AKMA1	PG-TO251-3	IPU95R1K2P7AKMA1
IPU95R3K7P7	SP001792320	IPU95R3K7P7AKMA1	PG-TO251-3	IPU95R3K7P7AKMA1
IPU95R750P7	SP001792324	IPU95R750P7AKMA1	PG-TO251-3	IPU95R750P7AKMA1
SPD02N80C3	SP001117754	SPD02N80C3ATMA1	PG-TO252-3	SPD02N80C3ATMA1
SPD03N60C3	SP001117760	SPD03N60C3ATMA1	PG-TO252-3	SPD03N60C3ATMA1
SPD04N60C3	SP001117764	SPD04N60C3ATMA1	PG-TO252-3	SPD04N60C3ATMA1
SPD04N80C3	SP001117768	SPD04N80C3ATMA1	PG-TO252-3	SPD04N80C3ATMA1
SPD06N80C3	SP001117772	SPD06N80C3ATMA1	PG-TO252-3	SPD06N80C3ATMA1
SPD07N60C3	SP001117774	SPD07N60C3ATMA1	PG-TO252-3	SPD07N60C3ATMA1