

# Product/process change notification

PCN N° 2021-086-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

## Extension by Introduction of Silicon Foundry Samsung Electronics Co, Ltd., Korea for dedicated OptiMOS™3 products in PG-TO252 and PG-TO263 packages

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 **2022-02-02**
- 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  
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Registered Office: Neubiberg  
Commercial Register: München HRB 126492

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► **Products affected**

Please refer to attached affected product list 1\_cip21086\_a

► **Detailed change information**

**Subject** Introduction of Silicon Foundry Samsung Electronics Co, Ltd., Korea for OptiMos™3 products

**Reason** Capacity expansion by introduction of Silicon Foundry Samsung to support continuous increasing customer demand

Description	Old	New
<b>Wafer Production Site</b>	<ul style="list-style-type: none"> <li>Infineon Technologies AG, Regensburg, Germany</li> </ul> <p><i>and</i></p> <ul style="list-style-type: none"> <li>Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia</li> </ul>	<ul style="list-style-type: none"> <li>Infineon Technologies AG, Regensburg, Germany</li> </ul> <p><i>and</i></p> <ul style="list-style-type: none"> <li>Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia</li> </ul> <p><i>and</i></p> <ul style="list-style-type: none"> <li>Samsung Electronics Co, Ltd., Korea</li> </ul>
<b>Wafer lot number</b>	<ul style="list-style-type: none"> <li>RUxxxxxx (Regensburg)</li> </ul> <p><i>and</i></p> <ul style="list-style-type: none"> <li>PFxxxxxx (Kulim)</li> </ul>	<ul style="list-style-type: none"> <li>RUxxxxxx (Regensburg)</li> </ul> <p><i>and</i></p> <ul style="list-style-type: none"> <li>PFxxxxxx (Kulim)</li> </ul> <p><i>and</i></p> <ul style="list-style-type: none"> <li>6Txxxxx (Samsung)</li> </ul>

► **Product identification**

External traceability is assured via waferlot number and country of diffusion on the product label



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## ► Impact of change

**NO** change on electrical, thermal parameters and reliability as proven via product qualification and characterization.

**NO** change in existing datasheet parameters

**NO** change in quality and reliability. Processes are optimized to meet product performance according to already applied Infineon specification

## ► Attachments

1_cip21086_a	affected product list
2_cip21086_a	qualification report
3_cip21086_a	Samsung Investor Presentation

## ► Time schedule

- Final qualification report
- First samples available
- Intended start of delivery

available

on request

2022-04-01 or earlier based on customer approval

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
IPB019N08N3 G	SP000444110	IPB019N08N3GATMA1	PG-TO263-7
IPB020NE7N3 G	SP000676950	IPB020NE7N3GATMA1	PG-TO263-3
IPB025N08N3 G	SP000311980	IPB025N08N3GATMA1	PG-TO263-3
IPB025N10N3 G	SP000469888	IPB025N10N3GATMA1	PG-TO263-7
IPB025N10N3 G E8197	SP001227196	IPB025N10N3GE8197ATMA1	PG-TO263-7
IPB027N10N3 G	SP000506508	IPB027N10N3GATMA1	PG-TO263-3
IPB030N08N3 G	SP000444100	IPB030N08N3GATMA1	PG-TO263-7
IPB031NE7N3 G	SP000641730	IPB031NE7N3GATMA1	PG-TO263-3
IPB035N08N3 G	SP000457588	IPB035N08N3GATMA1	PG-TO263-3
IPB036N12N3 G	SP000675204	IPB036N12N3GATMA1	PG-TO263-7
IPB038N12N3 G	SP000694160	IPB038N12N3GATMA1	PG-TO263-3
IPB039N10N3 G	SP000482428	IPB039N10N3GATMA1	PG-TO263-7
IPB039N10N3 G E8197	SP001227198	IPB039N10N3GE8197ATMA1	PG-TO263-7
IPB042N10N3 G	SP000446880	IPB042N10N3GATMA1	PG-TO263-3
IPB042N10N3 G E8187	SP000939332	IPB042N10N3GE8187ATMA1	PG-TO263-3
IPB049NE7N3 G	SP000641752	IPB049NE7N3GATMA1	PG-TO263-3
IPB054N08N3 G	SP000395166	IPB054N08N3GATMA1	PG-TO263-3
IPB065N10N3 G	SP001232588	IPB065N10N3GATMA1	PG-TO263-3
IPB065N15N3 G	SP000521724	IPB065N15N3GATMA1	PG-TO263-7
IPB065N15N3 G E8197	SP001227194	IPB065N15N3GE8197ATMA1	PG-TO263-7
IPB067N08N3 G	SP000443636	IPB067N08N3GATMA1	PG-TO263-3
IPB072N15N3 G	SP000386664	IPB072N15N3GATMA1	PG-TO263-3
IPB072N15N3 G E8187	SP000938816	IPB072N15N3GE8187ATMA1	PG-TO263-3
IPB083N10N3 G	SP000458812	IPB083N10N3GATMA1	PG-TO263-3
IPB107N20N3 G	SP000676406	IPB107N20N3GATMA1	PG-TO263-3
IPB108N15N3 G	SP000677862	IPB108N15N3GATMA1	PG-TO263-3
IPB123N10N3 G	SP000485968	IPB123N10N3GATMA1	PG-TO263-3
IPB144N12N3 G	SP000694166	IPB144N12N3GATMA1	PG-TO263-3
IPB200N15N3 G	SP000414740	IPB200N15N3GATMA1	PG-TO263-3
IPB200N25N3 G	SP000677896	IPB200N25N3GATMA1	PG-TO263-3
IPB320N20N3 G	SP000691172	IPB320N20N3GATMA1	PG-TO263-3
IPB530N15N3 G	SP000521718	IPB530N15N3GATMA1	PG-TO263-3
IPB600N25N3 G	SP000676408	IPB600N25N3GATMA1	PG-TO263-3

IPD053N08N3 G	SP001127818	IPD053N08N3GATMA1	PG-TO252-3
IPD068N10N3 G	SP001127816	IPD068N10N3GATMA1	PG-TO252-3
IPD082N10N3 G	SP001127824	IPD082N10N3GATMA1	PG-TO252-3
IPD096N08N3 G	SP001127826	IPD096N08N3GATMA1	PG-TO252-3
IPD110N12N3 G	SP001127808	IPD110N12N3GATMA1	PG-TO252-3
IPD122N10N3 G	SP001127828	IPD122N10N3GATMA1	PG-TO252-3
IPD12CN10N G	SP001127806	IPD12CN10NGATMA1	PG-TO252-3
IPD12CN10N G E8215	SP001631030	IPD12CN10NGE8215ATMA1	PG-TO252-3
IPD135N08N3 G	SP001127822	IPD135N08N3GATMA1	PG-TO252-3
IPD180N10N3 G	SP000900132	IPD180N10N3GATMA1	PG-TO252-3
IPD200N15N3 G	SP001127820	IPD200N15N3GATMA1	PG-TO252-3
IPD25CN10N G	SP001127810	IPD25CN10NGATMA1	PG-TO252-3
IPD320N20N3 G	SP001127832	IPD320N20N3GATMA1	PG-TO252-3
IPD33CN10N G	SP001127812	IPD33CN10NGATMA1	PG-TO252-3
IPD530N15N3 G	SP001127830	IPD530N15N3GATMA1	PG-TO252-3
IPD600N25N3 G	SP001127834	IPD600N25N3GATMA1	PG-TO252-3
IPD78CN10N G	SP001127814	IPD78CN10NGATMA1	PG-TO252-3