

Product/process change notification

PCN N° 2020-154-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

Change of wafer production from Fraunhofer IMS (Duisburg) to Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia and several other changes affecting C5SOI Gate Driver ICs

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 **2022-09-06**
- 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 D-81726 München Internet www.infineon.com Headquarters Am Campeon 1-15, D-85579 Neubiberg Phone +49 (0)89 234-0

Chairman of the Supervisory Board Dr. Wolfgang Eder

Management Board Jochen Hanebeck (CEO), Constanze Hufenbecher, Dr. Sven Schneider, Andreas Urschitz, Dr. Rutger Wijburg

Registered office Neubiberg Commercial register Amtsgericht München HRB 126492

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► **Products affected**

Please refer to attached affected product list 1_cip20154_A

► **Detailed change information**

Subject Change of wafer production from Fraunhofer IMS (Duisburg) to Infineon Technologies (Kulim) Sdn. Bhd., Kulim, Malaysia and several other changes affecting C5SOI Gate Driver ICs

Reason The wafer production of the affected products will be transferred to location Infineon Technologies (Kulim) Sdn. Bhd., Malaysia, according to the global Infineon production strategy.

Description

<u>Old</u>	<u>New</u>
<ul style="list-style-type: none"> Wafer fab for C5SOI Gate Driver chips : Fraunhofer IMS Wafer sort : Infineon Kulim 	<ul style="list-style-type: none"> Wafer fab for C5SOI Gate Driver chips : Infineon Kulim Wafer sort : Infineon Kulim Including minor design optimization for 2ED2110S06M
<ul style="list-style-type: none"> Final test of 2EDLx family : IFX site Singapore 	<ul style="list-style-type: none"> Final test of 2EDLx family : IFX site Singapore and Batam
<ul style="list-style-type: none"> Bonding wire material of 2ED2110S06M : Cu 	<ul style="list-style-type: none"> Bonding wire material of 2ED2110S06M : Au
<ul style="list-style-type: none"> All products in PCN: Max. value of Bootstrap diode forward current defined in Data sheet. 	<ul style="list-style-type: none"> All products in PCN: Max. value of Bootstrap diode forward current not defined in Data sheet. ESD update for 2ED218x4S06J family

► **Product identification**

Ensured by internal traceability in manufacturing execution systems.

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▶ **Impact of change**

Based on the qualification performed, Infineon does not expect any negative impact on quality, function and reliability. No change in fit, form and function expected.

▶ **Attachments**

1_cip20154_A affected product list

▶ **Time schedule**

- Final qualification report
- First samples available

- Intended start of delivery

on request

on request

Start of delivery of changed products beginning Dec. 2022 or earlier on customer request. Further delivery of unchanged products is possible until stock will be depleted.

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

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Affected products sold to FUTURE ELECTRONICS INC. (4000624)

Sales name	SP number	OPN	Package	Customer part number
2ED21091S06F	SP001710060	2ED21091S06FXUMA1	PG-DSO-8	2ED21091S06FXUMA1
2EDL05N06PF	SP001048830	2EDL05N06PFXUMA1	PG-DSO-8	2EDL05N06PFXUMA1
2EDL23N06PJ	SP001080088	2EDL23N06PJXUMA1	PG-DSO-14	2EDL23N06PJXUMA1
6ED003L02-F2	SP000919390	6ED003L02F2XUMA1	PG-TSSOP-28	6ED003L02F2XUMA1
6EDL04N02PR	SP000926072	6EDL04N02PRXUMA1	PG-TSSOP-28	6EDL04N02PRXUMA1
IMD110A-6F040	SP003030096	IMD110A6F040XUMA1	PG-LQFP-40	IMD110A6F040XUMA1

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Sales name	SP number	OPN	Package
2ED21064S06J	SP001710052	2ED21064S06JXUMA1	PG-DSO-14
2ED2106S06F	SP001710050	2ED2106S06FXUMA1	PG-DSO-8
2ED21084S06J	SP003349844	2ED21084S06JXUMA1	PG-DSO-14
2ED2108S06F	SP001710054	2ED2108S06FXUMA1	PG-DSO-8
2ED21091S06F	SP001710060	2ED21091S06FXUMA1	PG-DSO-8
2ED21094S06J	SP003348332	2ED21094S06JXUMA1	PG-DSO-14
2ED2109S06F	SP001710062	2ED2109S06FXUMA1	PG-DSO-8
2ED2110S06M	SP001896446	2ED2110S06MXUMA1	PG-DSO-16
2ED21814S06J	SP003353682	2ED21814S06JXUMA1	PG-DSO-14
2ED2181S06F	SP001710038	2ED2181S06FXUMA1	PG-DSO-8
2ED21824S06J	SP003244528	2ED21824S06JXUMA1	PG-DSO-14
2ED2182S06F	SP003244532	2ED2182S06FXUMA1	PG-DSO-8
2ED21834S06J	SP003357056	2ED21834S06JXUMA1	PG-DSO-14
2ED2183S06F	SP001710042	2ED2183S06FXUMA1	PG-DSO-8
2ED21844S06J	SP001710048	2ED21844S06JXUMA1	PG-DSO-14
2ED2184S06F	SP001710046	2ED2184S06FXUMA1	PG-DSO-8
2ED2304S06F	SP001788250	2ED2304S06FXUMA1	PG-DSO-8
2EDL05I06BF	SP001070344	2EDL05I06BFXUMA1	PG-DSO-8
2EDL05I06PF	SP001048832	2EDL05I06PFXUMA1	PG-DSO-8
2EDL05I06PJ	SP001114156	2EDL05I06PJXUMA1	PG-DSO-14
2EDL05N06PF	SP001048830	2EDL05N06PFXUMA1	PG-DSO-8
2EDL05N06PJ	SP001114078	2EDL05N06PJXUMA1	PG-DSO-14
2EDL23I06PJ	SP001080086	2EDL23I06PJXUMA1	PG-DSO-14
2EDL23N06PJ	SP001080088	2EDL23N06PJXUMA1	PG-DSO-14
6ED003L02-F2	SP000919390	6ED003L02F2XUMA1	PG-TSSOP-28
6EDL04N02PR	SP000926072	6EDL04N02PRXUMA1	PG-TSSOP-28
6EDM2003L06-F06	SP001781622	6EDM2003L06F06X7SA2	die sales
6EDM2003L06-F10	SP001814848	6EDM2003L06F10X7SA2	die sales
6EDM2003L06-F15	SP001692508	6EDM2003L06F15X7SA2	die sales
IMD110A-6F040	SP003030096	IMD110A6F040XUMA1	PG-LQFP-40
IMD111T-6F040	SP003030100	IMD111T6F040XUMA1	PG-LQFP-40
IMD112T-6F040	SP003030104	IMD112T6F040XUMA1	PG-LQFP-40
IRX2304DSTRPBF	SP001671386	IRX2304DSTRPBFXUMA1	PG-DSO-8
6EDL04I06NC	SP000956376	6EDL04I06NCX1SA1	die sales
6EDL04I06PC	SP000956398	6EDL04I06PCX1SA1	die sales
6EDL04N06PC	SP000956416	6EDL04N06PCX1SA1	die sales