

# Product/process change notification

PCN N° 2021-132-A

## Business continuity endangered due to capacity re-allocation at Wafer Fab Ltd. (NWF Ltd.), Newport, United Kingdom\*

Dear customer,

Please find attached our Infineon Technologies AG PCN:

### Introduction of BEOL process loop needed for products with Gen5/5.2 gate drivers

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 **2021-10-13**
- 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\_cip21032\_A

► **Detailed change information**

**Subject** **Business continuity endangered:** Introduction of BEOL process loop needed for products with Gen5/5.2 gate drivers for all wafer starts from October 2021 onwards.

**Reason** Introduction of process loop to assure continuity of supply.

<b>Description</b>	<b>Old</b>	<b>New</b>
<b>FEOL process</b>	<ul style="list-style-type: none"> <li>Wafer Fab Ltd. (NWF Ltd.), Newport, United Kingdom*</li> </ul>	<ul style="list-style-type: none"> <li>No change</li> </ul>
<b>BEOL process</b>	<ul style="list-style-type: none"> <li>Wafer Fab Ltd. (NWF Ltd.), Newport, United Kingdom*</li> </ul>	<ul style="list-style-type: none"> <li>Infineon Technologies Dresden GmbH, Dresden, Germany</li> </ul>
<b>Background and backside metal (if applicable)</b>	<ul style="list-style-type: none"> <li>Wafer Fab Ltd. (NWF Ltd.), Newport, United Kingdom*</li> </ul>	<ul style="list-style-type: none"> <li>No change</li> </ul>
<b>Process Control Monitoring</b>	<ul style="list-style-type: none"> <li>Wafer Fab Ltd. (NWF Ltd.), Newport, United Kingdom*</li> </ul>	<ul style="list-style-type: none"> <li>No change</li> </ul>

► **Product identification** Traceability assured via date code and internal systems.

► **Impact of change** Based on the running qualification, Infineon does not expect any negative impact on quality, function and reliability. No change in fit and form.

► **Attachments**

1_cip21132_A	affected product list
3_cip21132_A	customer information package

# Product/process change notification

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## ► Time schedule

- |                              |   |
|------------------------------|---|
| ■ Final qualification report | For automotive products in July 2022; for non-automotive products in April 2022 intermediate readout results available on request |
| ■ First samples available    | Qualifiable samples to be scheduled   |
| ■ Intended start of delivery | <b>From January 2022 onwards to ensure business continuity.</b><br>Existing stock will be depleted first.                         |

\* The company name of “Wafer Fab Ltd. (NWF Ltd.), Newport, United Kingdom” will be changed to “Nexperia Newport Ltd, Newport, United Kingdom” in September 2021.

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

Introduction of BEOL process loop needed  
for products with Gen5/5.2 gate drivers  
Customer information package for  
PCN 2021-132-A



restricted

Due to re-allocation of manufacturing capacities in the Newport Wafer Fab we expect significant impact in our ability to supply HVIC Gen5 technology



On 5 July 2021, **Nexperia** announced that it obtains **100% ownership** of the **semiconductor production facility in Newport** (Wales)

Infineon has been informed that **several tools used for wafer manufacturing** in Newport will be **re-allocated**

Newport has **decided not** to provide Infineon the **required tool capacity** to manufacture the BEOL (metallization layers) used for **HVIC Gen5 technology**

As a consequence significant **supply disruptions** for **all products based on the HVIC Gen5 technology** are to be expected

## Change overview and scope of change

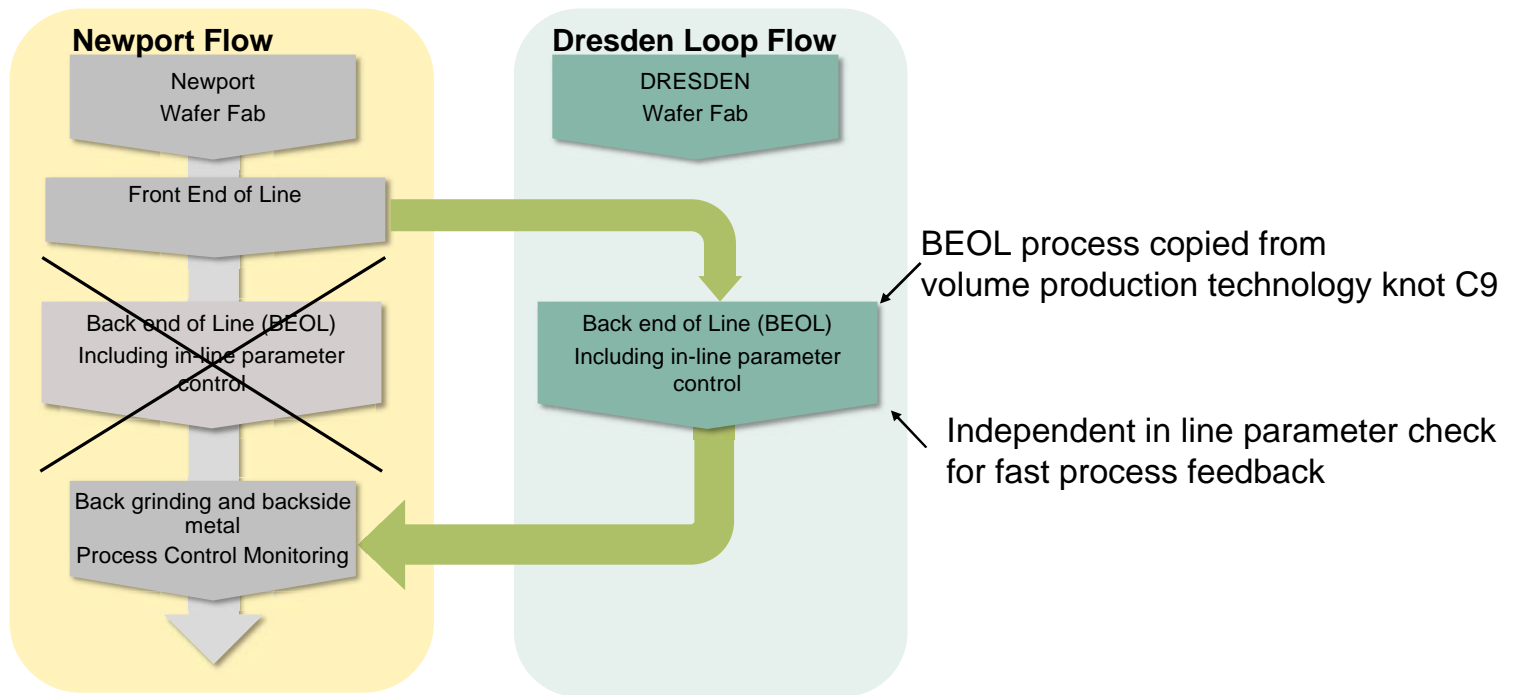
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Description	Old	New
Backend of Line (BEOL) process	Wafer Fab Ltd. (NWF Ltd.) Newport, United Kingdom	Infineon Technologies Dresden GmbH, Dresden, Germany

- › **No change in all other process steps, in particular wafer test, assembly and final test**

Remark: The naming of the Newport Wafer fab will be changed from Wafer Fab Ltd ("NWF") in Newport to Nexperia Newport Ltd. in September 21

## New process flow HVIC Gen5 (Dresden loop)

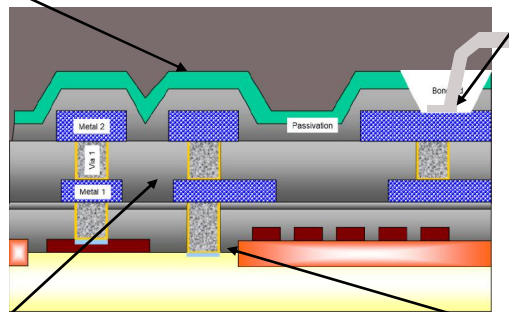


## Main points of interest for technology & product qualification

› With the new BEOL process several material interface are to be assessed.

Area of interest is the interface of the passivation and bond pad opening to the mold compound.

Area of interest is the interface of the bonded wire and the pad metal.



Area of interest is the interface performance of the BEOL metal stack.

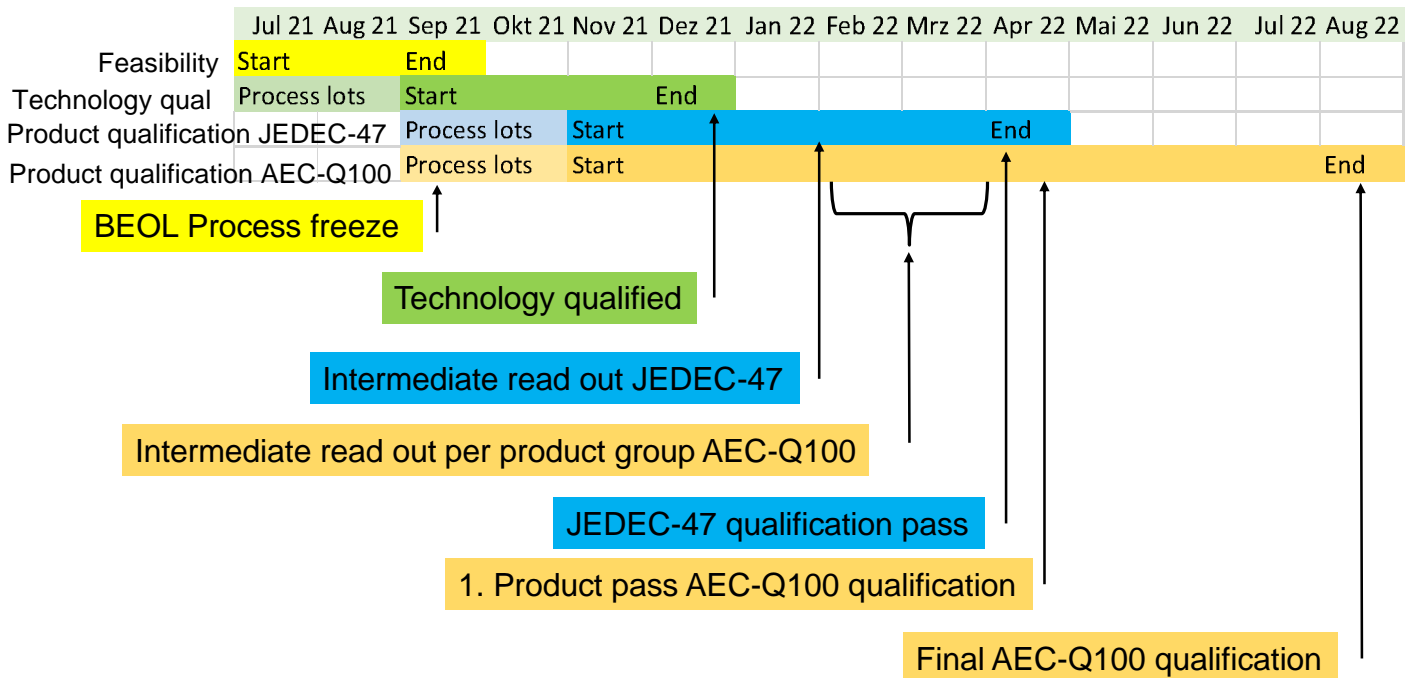
Area of interest is the interface of the BEOL layers to the layers below.

Disclaimer : Diagrams are for illustration purpose only



# Overall qualification schedule

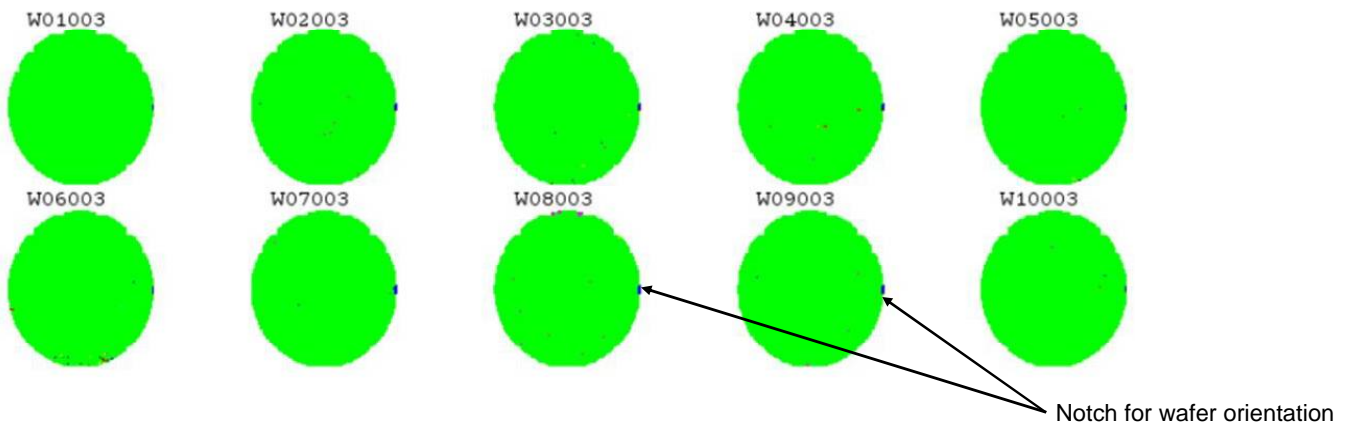
## Highly parallelized



JEDEC-47 = Industrial Qualification  
 AEC-Q100 = Automotive Qualifikation

## Lead product 1st lot: Functional test results

X462198



> All wafers yielded > 99.7%

## Project Status (Planned time line as of 31.08.21)

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- › Technology qualification for the new BEOL route end **Q4** of calendar year **2021**
- › Product qualification time line for product groups available **mid of 09/21**
- › Qualifiable samples to be scheduled
- › First deliveries from Dresden route are possible from January 2022 onwards

› **Logistics risk:** Due to Brexit, customs in UK has unpredictable processing times



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**PCN N° 2021-132-A**

**Business continuity endangered** - introduction of BEOL process loop needed for products with Gen5/5.2 gate drivers

Sales name	SP number	OPN	Package	Product category
AUIRS1170STR	SP001609062	AUIRS1170STR	PG-DSO-8	Automotive
AUIRS2113STR	SP001512418	AUIRS2113STR	PG-DSO-16	Automotive
AUIRS2117STR	SP001511372	AUIRS2117STR	PG-DSO-8	Automotive
AUIRS2118STR	SP001512116	AUIRS2118STR	PG-DSO-8	Automotive
AUIRS2123STR	SP001512098	AUIRS2123STR	PG-DSO-8	Automotive
AUIRS2124STR	SP001512322	AUIRS2124STR	PG-DSO-8	Automotive
AUIRS21271STR	SP001511982	AUIRS21271STR	PG-DSO-8	Automotive
AUIRS2127STR	SP001512314	AUIRS2127STR	PG-DSO-8	Automotive
AUIRS21811STR	SP001511172	AUIRS21811STR	PG-DSO-8	Automotive
AUIRS21814STR	SP001511734	AUIRS21814STR	PG-DSO-14	Automotive
AUIRS2181STR	SP001511506	AUIRS2181STR	PG-DSO-8	Automotive
AUIRS2191STR	SP001512306	AUIRS2191STR	PG-DSO-16	Automotive
AUIRS2301STR	SP001512090	AUIRS2301STR	PG-DSO-8	Automotive
AUIRS2336STR	SP001512298	AUIRS2336STR	PG-DSO-28	Automotive
AUXBH2191STR	SP001511362	AUXBH2191STR	PG-DSO-16	Automotive
AUXDI2118STR	SP001512290	AUXDI2118STR	PG-DSO-8	Automotive
1ED44176N01F	SP001885916	1ED44176N01FXUMA1	PG-DSO-8	non-automotive
2ED28073J06F	SP005347726	2ED28073J06FXUMA1	PG-DSO-8	non-automotive
98-0427PBF	SP001535156	98-0427PBF	PG-DSO-8	non-automotive
98-0496PBF	SP001538920	98-0496PBF	PG-DSO-16	non-automotive
98-0499TRPBF	SP001536588	98-0499TRPBF	PG-DSO-16	non-automotive
98-0502TRPBF	SP001575142	98-0502TRPBF	PG-DSO-16	non-automotive
98-1020TPBF	SP001539440	98-1020TPBF	PG-DSO-28	non-automotive
98-1026TRPBF	SP001538872	98-1026TRPBF	PG-VQFN-34	non-automotive
98-1041PBF	SP001546940	98-1041PBF	PG-DSO-8	non-automotive
98-1072PBF	SP001559346	98-1072PBF	PG-DSO-16	non-automotive
IM111-X3Q1B	SP002510456	IM111X3Q1BAQMA1	PG-IQFN-37	non-automotive
IM111-X3Q1B	SP002510460	IM111X3Q1BAUMA1	PG-IQFN-37	non-automotive
IM111-X6Q1B	SP002510464	IM111X6Q1BAQMA1	PG-IQFN-37	non-automotive
IM111-X6Q1B	SP002510468	IM111X6Q1BAUMA1	PG-IQFN-37	non-automotive
IM231-L6S1B	SP001831436	IM231L6S1BALMA1	PG-DIP-23	non-automotive
IM231-L6S1B	SP004341544	IM231L6S1BAUMA1	PG-DIP-23	non-automotive
IM231-L6T2B	SP001831432	IM231L6T2BAKMA1	PG-DIP-23	non-automotive
IM231-M6S1B	SP002055144	IM231M6S1BALMA1	PG-DIP-23	non-automotive
IM231-M6S1B	SP004341548	IM231M6S1BAUMA1	PG-DIP-23	non-automotive
IM231-M6T2B	SP002055140	IM231M6T2BAKMA1	PG-DIP-23	non-automotive
IM241-L6S1B	SP005426927	IM241L6S1BAUMA1	PG-DIP-23	non-automotive
IM241-L6S1B	SP005563563	IM241L6S1BALMA1	PG-DIP-23	non-automotive
IM241-L6T2B	SP005426929	IM241L6T2BAKMA1	PG-DIP-23	non-automotive
IM241-L6T2B2	SP005426931	IM241L6T2B2AKMA1	PG-DIP-23	non-automotive
IM241-M6S1B	SP005426933	IM241M6S1BAUMA1	PG-DIP-23	non-automotive
IM241-M6S1B	SP005563561	IM241M6S1BALMA1	PG-DIP-23	non-automotive
IM241-M6S1J	SP005426935	IM241M6S1JAUMA1	PG-DIP-23	non-automotive
IM241-M6S1J	SP005563557	IM241M6S1JALMA1	PG-DIP-23	non-automotive
IM241-M6T2B	SP005426937	IM241M6T2BAKMA1	PG-DIP-23	non-automotive
IM241-M6T2B2	SP005426939	IM241M6T2B2AKMA1	PG-DIP-23	non-automotive
IM241-M6T2J	SP005426941	IM241M6T2JAKMA1	PG-DIP-23	non-automotive
IM241-M6T2J2	SP005426943	IM241M6T2J2AKMA1	PG-DIP-23	non-automotive
IM241-S6S1B	SP005426945	IM241S6S1BAUMA1	PG-DIP-23	non-automotive
IM241-S6S1B	SP005563555	IM241S6S1BALMA1	PG-DIP-23	non-automotive

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**Business continuity endangered** - introduction of BEOL process loop needed for products with Gen5/5.2 gate drivers

Sales name	SP number	OPN	Package	Product category
IM241-S6S1J	SP005426955	IM241S6S1JAUMA1	PG-DIP-23	non-automotive
IM241-S6S1J	SP005563553	IM241S6S1JALMA1	PG-DIP-23	non-automotive
IM241-S6T2B	SP005426953	IM241S6T2BAKMA1	PG-DIP-23	non-automotive
IM241-S6T2B2	SP005430462	IM241S6T2B2AKMA1	PG-DIP-23	non-automotive
IM241-S6T2J	SP005426957	IM241S6T2JAKMA1	PG-DIP-23	non-automotive
IM241-S6T2J2	SP005426959	IM241S6T2J2AKMA1	PG-DIP-23	non-automotive
IM393-L6E	SP001675722	IM393L6EXKLA1	PG-MDIP-30	non-automotive
IM393-L6E2	SP001720368	IM393L6E2XKLA1	PG-MDIP-30	non-automotive
IM393-L6E3	SP001786902	IM393L6E3XKLA1	PG-MDIP-30	non-automotive
IM393-L6F	SP001675712	IM393L6FXKLA1	PG-MSIP-22	non-automotive
IM393-L6FP	SP003014070	IM393L6FPXKLA1	PG-MSIP-22	non-automotive
IM393-M6E	SP001675704	IM393M6EXKLA1	PG-MDIP-30	non-automotive
IM393-M6E2	SP001720364	IM393M6E2XKLA1	PG-MDIP-30	non-automotive
IM393-M6E3	SP001786896	IM393M6E3XKLA1	PG-MDIP-30	non-automotive
IM393-M6F	SP001675696	IM393M6FXKLA1	PG-MSIP-22	non-automotive
IM393-M6FP	SP003014066	IM393M6FPXKLA1	PG-MSIP-22	non-automotive
IM393-S6E	SP001675688	IM393S6EXKLA1	PG-MDIP-30	non-automotive
IM393-S6E2	SP001720362	IM393S6E2XKLA1	PG-MDIP-30	non-automotive
IM393-S6E3	SP001786890	IM393S6E3XKLA1	PG-MDIP-30	non-automotive
IM393-S6F	SP001675680	IM393S6FXKLA1	PG-MSIP-22	non-automotive
IM393-S6FP	SP003014062	IM393S6FPXKLA1	PG-MSIP-22	non-automotive
IM393-X6E	SP001675742	IM393X6EXKLA1	PG-MDIP-30	non-automotive
IM393-X6E2	SP001720370	IM393X6E2XKLA1	PG-MDIP-30	non-automotive
IM393-X6E3	SP001786910	IM393X6E3XKLA1	PG-MDIP-30	non-automotive
IM393-X6F	SP001675732	IM393X6FXKLA1	PG-MSIP-22	non-automotive
IM393-X6FP	SP003014076	IM393X6FPXKLA1	PG-MSIP-22	non-automotive
IMM100A-015M	SP001792424	IMM100A015MXQMA1	PG-IQFN-38	non-automotive
IMM100A-015M	SP001792428	IMM100A015MXUMA1	PG-IQFN-38	non-automotive
IMM100A-046M	SP001792432	IMM100A046MXQMA1	PG-IQFN-38	non-automotive
IMM100A-046M	SP001792436	IMM100A046MXUMA1	PG-IQFN-38	non-automotive
IMM100A-056M	SP001792440	IMM100A056MXQMA1	PG-IQFN-38	non-automotive
IMM100A-056M	SP001792444	IMM100A056MXUMA1	PG-IQFN-38	non-automotive
IMM101T-015M	SP001792448	IMM101T015MXQMA1	PG-IQFN-38	non-automotive
IMM101T-015M	SP001792452	IMM101T015MXUMA1	PG-IQFN-38	non-automotive
IMM101T-015M	SP005538489	IMM101T015MAQMA1	PG-IQFN-38	non-automotive
IMM101T-046M	SP001792456	IMM101T046MXQMA1	PG-IQFN-38	non-automotive
IMM101T-046M	SP001792460	IMM101T046MXUMA1	PG-IQFN-38	non-automotive
IMM101T-056M	SP001792464	IMM101T056MXQMA1	PG-IQFN-38	non-automotive
IMM101T-056M	SP001792468	IMM101T056MXUMA1	PG-IQFN-38	non-automotive
IMM102T-015M	SP001792472	IMM102T015MXQMA1	PG-IQFN-38	non-automotive
IMM102T-015M	SP001792476	IMM102T015MXUMA1	PG-IQFN-38	non-automotive
IMM102T-046M	SP001792480	IMM102T046MXQMA1	PG-IQFN-38	non-automotive
IMM102T-046M	SP001792484	IMM102T046MXUMA1	PG-IQFN-38	non-automotive
IMM102T-056M	SP001792488	IMM102T056MXQMA1	PG-IQFN-38	non-automotive
IMM102T-056M	SP001792492	IMM102T056MXUMA1	PG-IQFN-38	non-automotive
IR11662STRPBF	SP001550828	IR11662STRPBF	PG-DSO-8	non-automotive
IR11672ASTRPBF	SP001561340	IR11672ASTRPBF	PG-DSO-8	non-automotive
IR1167ASTRPBF	SP001559382	IR1167ASTRPBF	PG-DSO-8	non-automotive
IR11682STRPBF	SP001553776	IR11682STRPBF	PG-DSO-8	non-automotive
IR1168STRPBF	SP001569622	IR1168STRPBF	PG-DSO-8	non-automotive

**PCN N° 2021-132-A**

**Business continuity endangered** - introduction of BEOL process loop needed for products with Gen5/5.2 gate drivers

Sales name	SP number	OPN	Package	Product category
IR4301MTRPBF	SP001570994	IR4301MTRPBF	PG-IQFN-22	non-automotive
IR4302MTRPBF	SP001561282	IR4302MTRPBF	PG-IQFN-44	non-automotive
IR4321MTRPBF	SP001553796	IR4321MTRPBF	PG-IQFN-22	non-automotive
IR4322MTRPBF	SP001574534	IR4322MTRPBF	PG-IQFN-44	non-automotive
IRAM535-1065AS	SP001544424	IRAM535-1065AS	PG-DIP-25	non-automotive
IRAM535-1065ASA	SP001548474	IRAM535-1065ASA	PG-DIP-25	non-automotive
IRS10752LTRPBF	SP001548482	IRS10752LTRPBF	PG-SOT23-6	non-automotive
IRS2001MTRPBF	SP001542652	IRS2001MTRPBF	PG-VQFN-14	non-automotive
IRS2001PBF	SP001542642	IRS2001PBF	PG-DIP-8	non-automotive
IRS2001SPBF	SP001545526	IRS2001SPBF	PG-DSO-8	non-automotive
IRS2001STRPBF	SP001534310	IRS2001STRPBF	PG-DSO-8	non-automotive
IRS2003PBF	SP001534280	IRS2003PBF	PG-DIP-8	non-automotive
IRS2003SPBF	SP001548614	IRS2003SPBF	PG-DSO-8	non-automotive
IRS2003STRPBF	SP001534384	IRS2003STRPBF	PG-DSO-8	non-automotive
IRS2004PBF	SP001542632	IRS2004PBF	PG-DIP-8	non-automotive
IRS2004SPBF	SP001545288	IRS2004SPBF	PG-DSO-8	non-automotive
IRS2004STRPBF	SP001545396	IRS2004STRPBF	PG-DSO-8	non-automotive
IRS2005MTRPBF	SP001534270	IRS2005MTRPBF	PG-VQFN-14	non-automotive
IRS2005SPBF	SP001545516	IRS2005SPBF	PG-DSO-8	non-automotive
IRS2005STRPBF	SP001548596	IRS2005STRPBF	PG-DSO-8	non-automotive
IRS2007MTRPBF	SP005255458	IRS2007MTRPBFXUMA1	PG-VQFN-14	non-automotive
IRS2007SPBF	SP001697682	IRS2007SPBF	PG-DSO-8	non-automotive
IRS2007STRPBF	SP001599814	IRS2007STRPBF	PG-DSO-8	non-automotive
IRS2008MTRPBF	SP005259966	IRS2008MTRPBFXUMA1	PG-VQFN-14	non-automotive
IRS2008SPBF	SP001652868	IRS2008SPBF	PG-DSO-8	non-automotive
IRS2008STRPBF	SP001599818	IRS2008STRPBF	PG-DSO-8	non-automotive
IRS2011PBF	SP001548586	IRS2011PBF	PG-DIP-8	non-automotive
IRS2011SPBF	SP001534520	IRS2011SPBF	PG-DSO-8	non-automotive
IRS2011STRPBF	SP001545508	IRS2011STRPBF	PG-DSO-8	non-automotive
IRS2052MTRPBF	SP001553076	IRS2052MTRPBF	PG-VQFN-48	non-automotive
IRS20752LTRPBF	SP001548576	IRS20752LTRPBF	PG-SOT23-6	non-automotive
IRS2092STRPBF	SP001573184	IRS2092STRPBF	PG-DSO-16	non-automotive
IRS2093MTRPBF	SP001577088	IRS2093MTRPBF	PG-VQFN-48	non-automotive
IRS20957STRPBF	SP001553318	IRS20957STRPBF	PG-DSO-16	non-automotive
IRS2101PBF	SP001548528	IRS2101PBF	PG-DIP-8	non-automotive
IRS2101SPBF	SP001542602	IRS2101SPBF	PG-DSO-8	non-automotive
IRS2101STRPBF	SP001548538	IRS2101STRPBF	PG-DSO-8	non-automotive
IRS2103C	SP001534490	IRS2103C	n.a.	non-automotive
IRS2103PBF	SP001545488	IRS2103PBF	PG-DIP-8	non-automotive
IRS2103SPBF	SP001548512	IRS2103SPBF	PG-DSO-8	non-automotive
IRS2103STRPBF	SP001545468	IRS2103STRPBF	PG-DSO-8	non-automotive
IRS2104PBF	SP001545450	IRS2104PBF	PG-DIP-8	non-automotive
IRS2104SPBF	SP001542594	IRS2104SPBF	PG-DSO-8	non-automotive
IRS2104STRPBF	SP001534500	IRS2104STRPBF	PG-DSO-8	non-automotive
IRS21064PBF	SP001534444	IRS21064PBF	PG-DIP-14	non-automotive
IRS21064SPBF	SP001534510	IRS21064SPBF	PG-DSO-14	non-automotive
IRS21064STRPBF	SP001542682	IRS21064STRPBF	PG-DSO-14	non-automotive
IRS2106PBF	SP001542812	IRS2106PBF	PG-DIP-8	non-automotive
IRS2106SPBF	SP001545460	IRS2106SPBF	PG-DSO-8	non-automotive
IRS2106STRPBF	SP001534424	IRS2106STRPBF	PG-DSO-8	non-automotive





**PCN N° 2021-132-A**

**Business continuity endangered** - introduction of BEOL process loop needed for products with Gen5/5.2 gate drivers

Sales name	SP number	OPN	Package	Product category
IRS2184SPBF	SP001534822	IRS2184SPBF	PG-DSO-8	non-automotive
IRS2184STRPBF	SP001534732	IRS2184STRPBF	PG-DSO-8	non-automotive
IRS21864PBF	SP001542960	IRS21864PBF	PG-DIP-14	non-automotive
IRS21864SPBF	SP001534900	IRS21864SPBF	PG-DSO-14	non-automotive
IRS21864STRPBF	SP001548858	IRS21864STRPBF	PG-DSO-14	non-automotive
IRS21864STRPBF	SP002952170	IRS21864STRPBFXUMA1	PG-DSO-14	non-automotive
IRS21867SPBF	SP001534930	IRS21867SPBF	PG-DSO-8	non-automotive
IRS21867STRPBF	SP001542830	IRS21867STRPBF	PG-DSO-8	non-automotive
IRS2186PBF	SP001546318	IRS2186PBF	PG-DIP-8	non-automotive
IRS2186SPBF	SP001534920	IRS2186SPBF	PG-DSO-8	non-automotive
IRS2186STRPBF	SP001546274	IRS2186STRPBF	PG-DSO-8	non-automotive
IRS2301SPBF	SP001546282	IRS2301SPBF	PG-DSO-8	non-automotive
IRS2301STRPBF	SP001546254	IRS2301STRPBF	PG-DSO-8	non-automotive
IRS2302SPBF	SP001534890	IRS2302SPBF	PG-DSO-8	non-automotive
IRS2302STRPBF	SP001548874	IRS2302STRPBF	PG-DSO-8	non-automotive
IRS2304PBF	SP001543016	IRS2304PBF	PG-DIP-8	non-automotive
IRS2304SPBF	SP001546492	IRS2304SPBF	PG-DSO-8	non-automotive
IRS2304STRPBF	SP001543034	IRS2304STRPBF	PG-DSO-8	non-automotive
IRS2308PBF	SP001534840	IRS2308PBF	PG-DIP-8	non-automotive
IRS2308SPBF	SP001534860	IRS2308SPBF	PG-DSO-8	non-automotive
IRS2308STRPBF	SP001543026	IRS2308STRPBF	PG-DSO-8	non-automotive
IRS2334MTRPBF	SP001542970	IRS2334MTRPBF	PG-VQFN-28	non-automotive
IRS2334SPBF	SP001546436	IRS2334SPBF	PG-DSO-20	non-automotive
IRS2334STRPBF	SP001535048	IRS2334STRPBF	PG-DSO-20	non-automotive
IRS23364DJPBF	SP001546420	IRS23364DJPBF	PG-LCC-32	non-automotive
IRS23364DJTRPBF	SP001535108	IRS23364DJTRPBF	PG-LCC-32	non-automotive
IRS23364DSPBF	SP001543102	IRS23364DSPBF	PG-DSO-28	non-automotive
IRS23364DSTRPBF	SP001548766	IRS23364DSTRPBF	PG-DSO-28	non-automotive
IRS23365DMTRPBF	SP001535088	IRS23365DMTRPBF	PG-VQFN-34	non-automotive
IRS2336DJPBF	SP001535098	IRS2336DJPBF	PG-LCC-32	non-automotive
IRS2336DJTRPBF	SP001546412	IRS2336DJTRPBF	PG-LCC-32	non-automotive
IRS2336DMTRPBF	SP001535008	IRS2336DMTRPBF	PG-VQFN-34	non-automotive
IRS2336DSPBF	SP001535068	IRS2336DSPBF	PG-DSO-28	non-automotive
IRS2336DSTRPBF	SP001548782	IRS2336DSTRPBF	PG-DSO-28	non-automotive
IRS2452AM	SP001569256	IRS2452AM	PG-VQFN-32	non-automotive
IRS24531DSPBF	SP001546396	IRS24531DSPBF	PG-DSO-14	non-automotive
IRS24531DSTRPBF	SP001534998	IRS24531DSTRPBF	PG-DSO-14	non-automotive
IRS2453DPBF	SP001543200	IRS2453DPBF	PG-DIP-14	non-automotive
IRS2453DSPBF	SP001546404	IRS2453DSPBF	PG-DSO-14	non-automotive
IRS2453DSTRPBF	SP001543210	IRS2453DSTRPBF	PG-DSO-14	non-automotive
IRS25411STRPBF	SP001553418	IRS25411STRPBF	PG-DSO-8	non-automotive
IRS25751LTRPBF	SP001549902	IRS25751LTRPBF	PG-SOT23-5	non-automotive
IRS25752LTRPBF	SP001546636	IRS25752LTRPBF	PG-SOT23-6	non-automotive
IRS26302DJPBF	SP001540922	IRS26302DJPBF	PG-LCC-32	non-automotive
IRS26302DJTRPBF	SP001543172	IRS26302DJTRPBF	PG-LCC-32	non-automotive
IRS2807DSPBF	SP001543164	IRS2807DSPBF	PG-DSO-8	non-automotive
IRS2807DSTRPBF	SP001543144	IRS2807DSTRPBF	PG-DSO-8	non-automotive
IRS2817DSPBF	SP001547134	IRS2817DSPBF	PG-DSO-8	non-automotive
IRS2817DSTRPBF	SP001549898	IRS2817DSTRPBF	PG-DSO-8	non-automotive
IRS2982STRPBF	SP001569856	IRS2982STRPBF	PG-DSO-8	non-automotive

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Sales name	SP number	OPN	Package	Product category
IRS44262SPBF	SP001547124	IRS44262SPBF	PG-DSO-8	non-automotive
IRS44262STRPBF	SP001548952	IRS44262STRPBF	PG-DSO-8	non-automotive
IRS4426SPBF	SP001546614	IRS4426SPBF	PG-DSO-8	non-automotive
IRS4426STRPBF	SP001539382	IRS4426STRPBF	PG-DSO-8	non-automotive
IRS44273LTRPBF	SP001539392	IRS44273LTRPBF	PG-SOT23-5	non-automotive
IRS4427PBF	SP001549888	IRS4427PBF	PG-DIP-8	non-automotive
IRS4427SPBF	SP001546606	IRS4427SPBF	PG-DSO-8	non-automotive
IRS4427STRPBF	SP001543130	IRS4427STRPBF	PG-DSO-8	non-automotive
IRS4428SPBF	SP001541006	IRS4428SPBF	PG-DSO-8	non-automotive
IRS4428STRPBF	SP001546598	IRS4428STRPBF	PG-DSO-8	non-automotive
IRSM005-301MH	SP001541136	IRSM005-301MH	PG-IQFN-27	non-automotive
IRSM005-301MHTR	SP001540888	IRSM005-301MHTR	PG-IQFN-27	non-automotive
IRSM005-800MH	SP001549876	IRSM005-800MH	PG-IQFN-27	non-automotive
IRSM005-800MHTR	SP001541106	IRSM005-800MHTR	PG-IQFN-27	non-automotive
IRSM505-015DA	SP005347175	IRSM505-015DAAKMA1	PG-DIP-23	non-automotive
IRSM505-015DA2	SP005347177	IRSM505-015DA2AKMA1	PG-DIP-23	non-automotive
IRSM505-015PA	SP005347179	IRSM505-015PAALMA1	PG-DIP-23	non-automotive
IRSM505-024DA	SP005347181	IRSM505-024DAAKMA1	PG-DIP-23	non-automotive
IRSM505-024DA2	SP005347183	IRSM505-024DA2AKMA1	PG-DIP-23	non-automotive
IRSM505-024PA	SP005347185	IRSM505-024PAALMA1	PG-DIP-23	non-automotive
IRSM505-025DA	SP005347187	IRSM505-025DAAKMA1	PG-DIP-23	non-automotive
IRSM505-025DA2	SP005347189	IRSM505-025DA2AKMA1	PG-DIP-23	non-automotive
IRSM505-025PA	SP005347191	IRSM505-025PAALMA1	PG-DIP-23	non-automotive
IRSM505-025PATR	SP005272966	IRSM505-025PATRAUMA1	PG-DIP-23	non-automotive
IRSM505-035DA	SP005347193	IRSM505-035DAAKMA1	PG-DIP-23	non-automotive
IRSM505-035DA2	SP005347195	IRSM505-035DA2AKMA1	PG-DIP-23	non-automotive
IRSM505-035PA	SP005347197	IRSM505-035PAALMA1	PG-DIP-23	non-automotive
IRSM505-035PATR	SP005347199	IRSM505-035PATRAUMA1	PG-DIP-23	non-automotive
IRSM505-044DA	SP005347202	IRSM505-044DAAKMA1	PG-DIP-23	non-automotive
IRSM505-055DA	SP005272908	IRSM505-055DAAKMA1	PG-DIP-23	non-automotive
IRSM505-055DA2	SP005347208	IRSM505-055DA2AKMA1	PG-DIP-23	non-automotive
IRSM505-055PA	SP005347210	IRSM505-055PAALMA1	PG-DIP-23	non-automotive
IRSM505-055PATR	SP005272948	IRSM505-055PATRAUMA1	PG-DIP-23	non-automotive
IRSM505-065DA	SP005347212	IRSM505-065DAAKMA1	PG-DIP-23	non-automotive
IRSM505-065DA2	SP005347214	IRSM505-065DA2AKMA1	PG-DIP-23	non-automotive
IRSM505-065PA	SP005273012	IRSM505-065PAALMA1	PG-DIP-23	non-automotive
IRSM505-065PATR	SP005273006	IRSM505-065PATRAUMA1	PG-DIP-23	non-automotive
IRSM515-015DA	SP005347258	IRSM515-015DAAKMA1	PG-DIP-23	non-automotive
IRSM515-015DA2	SP005347260	IRSM515-015DA2AKMA1	PG-DIP-23	non-automotive
IRSM515-015PA	SP005347264	IRSM515-015PAALMA1	PG-DIP-23	non-automotive
IRSM515-024DA	SP005347266	IRSM515-024DAAKMA1	PG-DIP-23	non-automotive
IRSM515-024DA2	SP005347268	IRSM515-024DA2AKMA1	PG-DIP-23	non-automotive
IRSM515-024PA	SP005347270	IRSM515-024PAALMA1	PG-DIP-23	non-automotive
IRSM515-025DA	SP005347272	IRSM515-025DAAKMA1	PG-DIP-23	non-automotive
IRSM515-025DA2	SP005347274	IRSM515-025DA2AKMA1	PG-DIP-23	non-automotive
IRSM515-025DA4	SP005272958	IRSM515-025DA4AKMA1	PG-DIP-23	non-automotive
IRSM515-025PA	SP005347278	IRSM515-025PAALMA1	PG-DIP-23	non-automotive
IRSM515-025PATR	SP005272994	IRSM515-025PATRAUMA1	PG-DIP-23	non-automotive
IRSM515-035DA	SP005347280	IRSM515-035DAAKMA1	PG-DIP-23	non-automotive
IRSM515-035DA2	SP005347282	IRSM515-035DA2AKMA1	PG-DIP-23	non-automotive

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Sales name	SP number	OPN	Package	Product category
IRSM515-035PA	SP005347284	IRSM515-035PAALMA1	PG-DIP-23	non-automotive
IRSM515-035PATR	SP005273020	IRSM515-035PATRAUMA1	PG-DIP-23	non-automotive
IRSM515-055DA	SP005347293	IRSM515-055DAAKMA1	PG-DIP-23	non-automotive
IRSM515-055DA2	SP005272928	IRSM515-055DA2AKMA1	PG-DIP-23	non-automotive
IRSM515-055PA	SP005347295	IRSM515-055PAALMA1	PG-DIP-23	non-automotive
IRSM515-065DA	SP005347216	IRSM515-065DAAKMA1	PG-DIP-23	non-automotive
IRSM515-065DA2	SP005273000	IRSM515-065DA2AKMA1	PG-DIP-23	non-automotive
IRSM515-065PA	SP005347225	IRSM515-065PAALMA1	PG-DIP-23	non-automotive
IRSM636-015MATR	SP001543370	IRSM636-015MATR	PG-IQFN-36	non-automotive
IRSM636-015MB	SP001539614	IRSM636-015MB	PG-IQFN-27	non-automotive
IRSM636-015MBTR	SP001547060	IRSM636-015MBTR	PG-IQFN-27	non-automotive
IRSM807-045MH	SP001546878	IRSM807-045MH	PG-IQFN-31	non-automotive
IRSM807-045MHTR	SP001549038	IRSM807-045MHTR	PG-IQFN-31	non-automotive
IRSM807-105MH	SP001543516	IRSM807-105MH	PG-IQFN-31	non-automotive
IRSM807-105MHTR	SP001546536	IRSM807-105MHTR	PG-IQFN-31	non-automotive
IRSM808-105MH	SP001549046	IRSM808-105MH	PG-IQFN-31	non-automotive
IRSM808-105MHTR	SP001549028	IRSM808-105MHTR	PG-IQFN-31	non-automotive
IRSM808-204MH	SP001541016	IRSM808-204MH	PG-IQFN-31	non-automotive
IRSM808-204MHTR	SP001546528	IRSM808-204MHTR	PG-IQFN-31	non-automotive
IRSM836-015MA	SP001544314	IRSM836-015MA	PG-IQFN-36	non-automotive
IRSM836-015MATR	SP001543360	IRSM836-015MATR	PG-IQFN-36	non-automotive
IRSM836-024MA	SP001541026	IRSM836-024MA	PG-IQFN-36	non-automotive
IRSM836-024MATR	SP001541154	IRSM836-024MATR	PG-IQFN-36	non-automotive
IRSM836-025MA	SP001546868	IRSM836-025MA	PG-IQFN-36	non-automotive
IRSM836-025MATR	SP001549822	IRSM836-025MATR	PG-IQFN-36	non-automotive
IRSM836-035MA	SP001539604	IRSM836-035MA	PG-IQFN-36	non-automotive
IRSM836-035MATR	SP001541280	IRSM836-035MATR	PG-IQFN-36	non-automotive
IRSM836-035MB	SP001544304	IRSM836-035MB	PG-IQFN-27	non-automotive
IRSM836-035MBTR	SP001549020	IRSM836-035MBTR	PG-IQFN-27	non-automotive
IRSM836-044MA	SP001543350	IRSM836-044MA	PG-IQFN-36	non-automotive
IRSM836-044MATR	SP001549012	IRSM836-044MATR	PG-IQFN-36	non-automotive
IRSM836-045MA	SP001547052	IRSM836-045MA	PG-IQFN-37	non-automotive
IRSM836-045MATR	SP001544294	IRSM836-045MATR	PG-IQFN-37	non-automotive
IRSM836-084MA	SP001546858	IRSM836-084MA	PG-IQFN-36	non-automotive
IRSM836-084MATR	SP001549934	IRSM836-084MATR	PG-IQFN-36	non-automotive
MA5332MS	SP005582717	MA5332MSXUMA1	PG-IQFN-42	non-automotive