

Product/process change notification

PCN 2022-123-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

Introduction of an additional wafer production at Silicon Foundry Vanguard International Semiconductor Corporation, Taiwan for Gen5/5.2 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 **2023-09-20**
- 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.

Infineon Technologies AG

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Product/process change notification

PCN 2022-123-A

► Products affected

Please refer to attached affected product list
“PCN_2022-123-A_[customer-no].pdf”

► Detailed change information

Subject

Introduction of an additional wafer production at Silicon Foundry Vanguard International Semiconductor Corporation, Taiwan for Gen5/5.2 Gate Driver ICs.

Reason

Expansion of wafer production to assure continuity of supply and enable flexible manufacturing.

Description

Old

- Nexperia Newport Ltd, Newport, United Kingdom / Infineon Technologies Dresden GmbH, Dresden, Germany

New

- Nexperia Newport Ltd, Newport, United Kingdom / Infineon Technologies Dresden GmbH, Dresden, Germany
and
- Vanguard International Semiconductor Corporation, Hsinchu, Taiwan

► Product identification

Ensured by internal traceability in manufacturing execution systems

► Impact of change

Based on the qualification performed, Infineon does not expect any negative impact on quality, function and reliability.

► Attachments

“PCN_2022-123-A_[customer-no].pdf” affected product list

► Time schedule

- Final qualification report

On request

- First samples available

On request

- Intended start of delivery

Start of delivery of products with Gen5/5.2 Gate Driver ICs from Vanguard International Semiconductor Corporation in Sep. 2023 or earlier on customer request.

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

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Introduction of an additional wafer production at Silicon Foundry Vanguard International Semiconductor Corporation, Taiwan for Gen5/5.2 Gate Driver ICs



Affected products sold to DIGI-KEY, THIEF RIVER FALLS, USA (4002348)

Sales name	SP number	OPN	Package	Customer part number
1ED44176N01F	SP001885916	1ED44176N01FXUMA1	PG-DSO-8	1ED44176N01FXUMA1
2ED28073J06F	SP005347726	2ED28073J06FXUMA1	PG-DSO-8	2ED28073J06FXUMA1
IM241-L6S1B	SP005426927	IM241L6S1BAUMA1	PG-DIP-23	IM241L6S1BAUMA1
IM241-L6T2B	SP005426929	IM241L6T2BAKMA1	PG-DIP-23	IM241L6T2BAKMA1
IM241-M6S1B	SP005426933	IM241M6S1BAUMA1	PG-DIP-23	IM241M6S1BAUMA1
IM241-M6S1J	SP005426935	IM241M6S1JAUMA1	PG-DIP-23	IM241M6S1JAUMA1
IM241-M6T2B	SP005426937	IM241M6T2BAKMA1	PG-DIP-23	IM241M6T2BAKMA1
IM241-M6T2J	SP005426941	IM241M6T2JAKMA1	PG-DIP-23	IM241M6T2JAKMA1
IM241-S6S1B	SP005426945	IM241S6S1BAUMA1	PG-DIP-23	IM241S6S1BAUMA1
IM241-S6S1J	SP005426955	IM241S6S1JAUMA1	PG-DIP-23	IM241S6S1JAUMA1
IM241-S6T2B	SP005426953	IM241S6T2BAKMA1	PG-DIP-23	IM241S6T2BAKMA1
IM241-S6T2J	SP005426957	IM241S6T2JAKMA1	PG-DIP-23	IM241S6T2JAKMA1
IM393-L6E	SP001675722	IM393L6EXKLA1	N.A.	IM393L6EXKLA1
IM393-S6E	SP001675688	IM393S6EXKLA1	N.A.	IM393S6EXKLA1
IM393-X6E	SP001675742	IM393X6EXKLA1	N.A.	IM393X6EXKLA1
IM393-X6FP	SP003014076	IM393X6FPXKLA1	N.A.	IM393X6FPXKLA1
IMM101T-015M	SP001792452	IMM101T015MXUMA1	PG-IQFN-38	IMM101T015MXUMA1
IRS10752LTRPBF	SP001548482	IRS10752LTRPBF	SOT23	IRS10752LTRPBF
IRS2003STRPBF	SP001534384	IRS2003STRPBF	SOIC 8N	IRS2003STRPBF
IRS2004SPBF	SP001545288	IRS2004SPBF	SOIC 8N	IRS2004SPBF
IRS2004STRPBF	SP001545396	IRS2004STRPBF	SOIC 8N	IRS2004STRPBF
IRS2005MTRPBF	SP001534270	IRS2005MTRPBF	MLPQ 4X4 14L	IRS2005MTRPBF
IRS2005STRPBF	SP001548596	IRS2005STRPBF	SOIC 8N	IRS2005STRPBF
IRS2007MTRPBF	SP005255458	IRS2007MTRPBFXUMA1	PG-VQFN-14	IRS2007MTRPBFXUMA1, IRS2007MTRPBFXUMA1
IRS2007STRPBF	SP001599814	IRS2007STRPBF	SOIC 8N	IRS2007STRPBF
IRS2008MTRPBF	SP005259966	IRS2008MTRPBFXUMA1	PG-VQFN-14	IRS2008MTRPBFXUMA1, IRS2008MTRPBFXUMA1
IRS2008SPBF	SP001652868	IRS2008SPBF	SOIC 8N	IRS2008SPBF
IRS2008STRPBF	SP001599818	IRS2008STRPBF	SOIC 8N	IRS2008STRPBF
IRS2011SPBF	SP001534520	IRS2011SPBF	SOIC 8N	IRS2011SPBF, IRS2011SPBF-ND
IRS2011STRPBF	SP001545508	IRS2011STRPBF	SOIC 8N	IRS2011STRPBF
IRS20752LTRPBF	SP001548576	IRS20752LTRPBF	SOT23	IRS20752LTRPBF
IRS2101STRPBF	SP001548538	IRS2101STRPBF	SOIC 8N	IRS2101STRPBF
IRS2103SPBF	SP001548512	IRS2103SPBF	SOIC 8N	IRS2103SPBF, IRS2103SPBF-ND

IRS2103STRPBF	SP001545468	IRS2103STRPBF	SOIC 8N	IRS2103STRPBF
IRS2104STRPBF	SP001534500	IRS2104STRPBF	SOIC 8N	IRS2104STRPBF
IRS21064STRPBF	SP001542682	IRS21064STRPBF	SOIC 14N	IRS21064STRPBF
IRS2106SPBF	SP001545460	IRS2106SPBF	SOIC 8N	IRS2106SPBF
IRS2106STRPBF	SP001534424	IRS2106STRPBF	SOIC 8N	IRS2106STRPBF
IRS2108SPBF	SP001542558	IRS2108SPBF	SOIC 8N	IRS2108SPBF
IRS2108STRPBF	SP001534434	IRS2108STRPBF	SOIC 8N	IRS2108STRPBF
IRS21091STRPBF	SP001534530	IRS21091STRPBF	SOIC 8N	IRS21091STRPBF
IRS2109STRPBF	SP001542776	IRS2109STRPBF	SOIC 8N	IRS2109STRPBF
IRS2110SPBF	SP001542768	IRS2110SPBF	SOIC 16W	IRS2110SPBF, IRS2110SPBF-ND
IRS2110STRPBF	SP001534646	IRS2110STRPBF	SOIC 16W	IRS2110STRPBF
IRS2111STRPBF	SP001534638	IRS2111STRPBF	SOIC 8N	IRS2111STRPBF
IRS2112SPBF	SP001545658	IRS2112SPBF	SOIC 16W	IRS2112SPBF
IRS2112STRPBF	SP001548622	IRS2112STRPBF	SOIC 16W	IRS2112STRPBF
IRS2113SPBF	SP001542740	IRS2113SPBF	SOIC 16W	IRS2113SPBF
IRS2113STRPBF	SP001534598	IRS2113STRPBF	SOIC 16W	IRS2113STRPBF
IRS2117SPBF	SP001534676	IRS2117SPBF	SOIC 8N	IRS2117SPBF
IRS2117STRPBF	SP001534568	IRS2117STRPBF	SOIC 8N	IRS2117STRPBF
IRS21271SPBF	SP001545668	IRS21271SPBF	SOIC 8N	IRS21271SPBF
IRS21271STRPBF	SP001542710	IRS21271STRPBF	SOIC 8N	IRS21271STRPBF
IRS2127STRPBF	SP001545622	IRS2127STRPBF	SOIC 8N	IRS2127STRPBF
IRS21531DSTRPBF	SP001548674	IRS21531DSTRPBF	SOIC 8N	IRS21531DSTRPBF, IRS21531DSTRPBFTR-ND
IRS2153DPBF	SP001545584	IRS2153DPBF	PDIP8	IRS2153DPBF
IRS2153DSPBF	SP001542940	IRS2153DSPBF	SOIC 8N	IRS2153DSPBF
IRS2153DSTRPBF	SP001548666	IRS2153DSTRPBF	SOIC 8N	IRS2153DSTRPBF
IRS21814MTRPBF	SP001534762	IRS21814MTRPBF	MLPQ 4X4 14L	IRS21814MTRPBF
IRS21814SPBF	SP001545676	IRS21814SPBF	SOIC 14N	IRS21814SPBF
IRS21814STRPBF	SP001542912	IRS21814STRPBF	SOIC 14N	IRS21814STRPBF
IRS2181STRPBF	SP001534752	IRS2181STRPBF	SOIC 8N	IRS2181STRPBF
IRS21834STRPBF	SP001548648	IRS21834STRPBF	SOIC 14N	IRS21834STRPBF
IRS2183STRPBF	SP001548630	IRS2183STRPBF	SOIC 8N	IRS2183STRPBF
IRS21844MTRPBF	SP001542866	IRS21844MTRPBF	MLPQ 4X4 14L	IRS21844MTRPBF
IRS21844PBF	SP001546328	IRS21844PBF	PDIP14	IRS21844PBF
IRS21844STRPBF	SP001542876	IRS21844STRPBF	SOIC 14N	IRS21844STRPBF
IRS2184PBF	SP001546348	IRS2184PBF	PDIP8	IRS2184PBF
IRS2184SPBF	SP001534822	IRS2184SPBF	SOIC 8N	IRS2184SPBF
IRS2184STRPBF	SP001534732	IRS2184STRPBF	SOIC 8N	IRS2184STRPBF
IRS21864SPBF	SP001534900	IRS21864SPBF	SOIC 14N	IRS21864SPBF
IRS21864STRPBF	SP001548858	IRS21864STRPBF	SOIC 14N	IRS21864STRPBF
IRS21867STRPBF	SP001542830	IRS21867STRPBF	SOIC 8N	IRS21867STRPBF, IRS21867STRPBFTR-ND
IRS2186SPBF	SP001534920	IRS2186SPBF	SOIC 8N	IRS2186SPBF
IRS2186STRPBF	SP001546274	IRS2186STRPBF	SOIC 8N	IRS2186STRPBF
IRS2301STRPBF	SP001546254	IRS2301STRPBF	SOIC 8N	IRS2301STRPBF
IRS2302SPBF	SP001534890	IRS2302SPBF	SOIC 8N	IRS2302SPBF, IRS2302SPBF-ND
IRS2302STRPBF	SP001548874	IRS2302STRPBF	SOIC 8N	IRS2302STRPBF
IRS2304PBF	SP001543016	IRS2304PBF	PDIP8	IRS2304PBF

IRS2304STRPBF	SP001543034	IRS2304STRPBF	SOIC 8N	IRS2304STRPBF
IRS2308SPBF	SP001534860	IRS2308SPBF	SOIC 8N	IRS2308SPBF, IRS2308SPBF-ND
IRS2308STRPBF	SP001543026	IRS2308STRPBF	SOIC 8N	IRS2308STRPBF
IRS23364DSTRPBF	SP001548766	IRS23364DSTRPBF	SOIC 28W	IRS23364DSTRPBF
IRS2336DSTRPBF	SP001548782	IRS2336DSTRPBF	SOIC 28W	IRS2336DSTRPBF
IRS2453DSTRPBF	SP001543210	IRS2453DSTRPBF	SOIC 14N	IRS2453DSTRPBF
IRS25751LTRPBF	SP001549902	IRS25751LTRPBF	SOT23	IRS25751LTRPBF
IRS25752LTRPBF	SP001546636	IRS25752LTRPBF	SOT23	IRS25752LTRPBF
IRS2817DSTRPBF	SP001549898	IRS2817DSTRPBF	SOIC 8N	IRS2817DSTRPBF
IRS2890DSTRPBF	SP001592212	IRS2890DSTRPBF	SOIC 14N	IRS2890DSTRPBF
IRS44262STRPBF	SP001548952	IRS44262STRPBF	SOIC 8N	IRS44262STRPBF
IRS4426STRPBF	SP001539382	IRS4426STRPBF	SOIC 8N	IRS4426STRPBF
IRS44273LTRPBF	SP001539392	IRS44273LTRPBF	SOT23	IRS44273LTRPBF
IRS4427PBF	SP001549888	IRS4427PBF	PDIP8	IRS4427PBF
IRS4427STRPBF	SP001543130	IRS4427STRPBF	SOIC 8N	IRS4427STRPBF
IRS4428STRPBF	SP001546598	IRS4428STRPBF	SOIC 8N	IRS4428STRPBF
IRSM005-301MH	SP001541136	IRSM005-301MH	QFN 7X8 27L	IRSM005-301MH
IRSM005-301MHTR	SP001540888	IRSM005-301MHTR	QFN 7X8 27L	IRSM005-301MHTR
IRSM005-800MH	SP001549876	IRSM005-800MH	QFN 7X8 27L	IRSM005-800MH
IRSM005-800MHTR	SP001541106	IRSM005-800MHTR	QFN 7X8 27L	IRSM005-800MHTR
IRSM807-045MHTR	SP001549038	IRSM807-045MHTR	QFN 9X8 31L	IRSM807-045MHTR
IRSM807-105MH	SP001543516	IRSM807-105MH	QFN 8X9 31L	IRSM807-105MH
IRSM807-105MHTR	SP001546536	IRSM807-105MHTR	QFN 8X9 31L	IRSM807-105MHTR
IRSM808-105MH	SP001549046	IRSM808-105MH	QFN 8X9 31L	IRSM808-105MH
IRSM808-105MHTR	SP001549028	IRSM808-105MHTR	QFN 8X9 31L	IRSM808-105MHTR
IRSM808-204MH	SP001541016	IRSM808-204MH	QFN 9X8 31L	IRSM808-204MH
IRSM808-204MHTR	SP001546528	IRSM808-204MHTR	QFN 9X8 31L	IRSM808-204MHTR
IRSM836-024MA	SP001541026	IRSM836-024MA	QFN 12X12 36L	IRSM836-024MA
IRSM836-025MA	SP001546868	IRSM836-025MA	QFN 12X12 36L	IRSM836-025MA
IRSM836-035MA	SP001539604	IRSM836-035MA	QFN 12X12 36L	IRSM836-035MA
IRSM836-035MATR	SP001541280	IRSM836-035MATR	QFN 12X12 36L	IRSM836-035MATR
IRSM836-035MB	SP001544304	IRSM836-035MB	QFN 12X12 27L	IRSM836-035MB
IRSM836-044MA	SP001543350	IRSM836-044MA	QFN 12X12 36L	IRSM836-044MA
IRSM836-044MATR	SP001549012	IRSM836-044MATR	QFN 12X12 36L	IRSM836-044MATR
IRSM836-045MA	SP001547052	IRSM836-045MA	QFN 12X12 37L	IRSM836-045MA
IRSM836-045MATR	SP001544294	IRSM836-045MATR	QFN 12X12 37L	IRSM836-045MATR
IRSM836-084MA	SP001546858	IRSM836-084MA	QFN 12X12 36L	IRSM836-084MA
IRSM836-084MATR	SP001549934	IRSM836-084MATR	QFN 12X12 36L	IRSM836-084MATR