



Product Change Notification

CN-202204007F

Issue date: 08 Apr 2022

Effective date: 21 Jul 2022

Here's your personalized quality information concerning products our customers and partners purchased from Nexperia.

For more details please contact your respective Nexperia CSR/AM.



Extending Vanguard Manufacturing Capability to Include Sample Wafer Test

Change Category

- | | | | | |
|--|---|--|---|---|
| <input type="checkbox"/> Wafer Fab Process | <input type="checkbox"/> Assembly Process | <input type="checkbox"/> Product Marking | <input checked="" type="checkbox"/> Test Location | <input type="checkbox"/> Design |
| <input type="checkbox"/> Wafer Fab Materials | <input type="checkbox"/> Assembly Materials | <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Test Process | <input type="checkbox"/> Errata |
| <input type="checkbox"/> Wafer Fab Location | <input type="checkbox"/> Assembly Location | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test Equipment | <input type="checkbox"/> Electrical spec./Test coverage |

Details of this change

Vanguard International Semiconductors (VIS) have informed Nexperia that they will extend their manufacturing capability to include sample wafer test and associated processing steps within their sites in Taiwan. Having this vertically integrated capability reduces their reliance on their external parties and improves production workflow. Finished product will be unaffected by this change as assembly and final test of the products remains unchanged

CN-202204007FPCN-Delta-Qualification-Matrix-ZVEI_VISPSI.xlsm: https://qcm.nexperia.com/Document/DOC-537725/CN-202204007FPCN-Delta-Qualification-Matrix-ZVEI_VISPSI.xlsm

CN-202204007FQualificationData.pdf: <https://qcm.nexperia.com/Document/DOC-537724/CN-202204007FQualificationData.pdf>

Why do we implement this change?

To simplify the production process and improve workflow of wafers supplied from Vanguard

Identification of affected products

Product Identification does not change

Product availability

Production

Planned first shipment: 24 Jun 2022

Sample information

Samples are available upon request

Impact

No impact to the product's functionality anticipated

Data sheet revision

No impact to existing datasheet

Disposition of old products

Not applicable

Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 08 May 2022. Lack of acknowledgement of the PCN constitutes acceptance of the change.

Additional information

[View Change Notification Online](#)

Contact and support

For all Quality Notification content inquiries, please contact your local Nexperia Sales Support Team.

For specific questions on this notice or the products affected please contact our specialist directly: pcn@nexperia.com

In case of distribution, please contact you distribution partner.

About Nexperia B.V.

We at Nexperia are the efficiency semiconductor company. We deliver over 90 billion products a year and as such service thousands of global customers, both directly and through our extensive network of channel partners. We are at the heart of billions of electronic devices in the Automotive, Mobile, Industrial, Consumer, Computing, and Communication Infrastructure segments.

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SalesItem_name	SalesItem_orderablePartNumber	SalesOrder_customerPartNumber	ProductType_name	BasicType_description	PackageOutlineVersion_description	PackageType_description	SalesItem_state	SalesItem_discontinuationType	SalesItem_availability	SalesItem_source	SalesItem_lastTimeBuyDate	SalesItem_lastTimeShipDate	SalesItem_customerSpecificIndicator	Replacement_SalesItem_orderablePartNumber	Replacement_SalesItem_name	Replacement_ProductType_name	Replacement_BasicType_description	BusinessLine_description
934660371115	BUK7J1R0-40HX	BUK7J1R0-40HX	BUK7J1R0-40H	BUK7J1R0-40H	SOT1023	4 LEADS	RFS						No					MOS Discretes
934660082115	BUK7J1R4-40HX	BUK7J1R4-40HX	BUK7J1R4-40H	BUK7J1R4-40H	SOT1023	4 LEADS	RFS						No					MOS Discretes
934660787115	BUK7M11-40HX	BUK7M11-40HX	BUK7M11-40H	BUK7M11-40H	SOT1210	mLFPK	RFS						No					MOS Discretes
934660788115	BUK7M15-40HX	BUK7M15-40HX	BUK7M15-40H	BUK7M15-40H	SOT1210	mLFPK	RFS						No					MOS Discretes
934660789115	BUK7M20-40HX	BUK7M20-40HX	BUK7M20-40H	BUK7M20-40H	SOT1210	mLFPK	RFS						No					MOS Discretes
934660781115	BUK7M3R3-40HX	BUK7M3R3-40HX	BUK7M3R3-40H	BUK7M3R3-40H	SOT1210	mLFPK	RFS						No					MOS Discretes
934660782115	BUK7M4R3-40HX	BUK7M4R3-40HX	BUK7M4R3-40H	BUK7M4R3-40H	SOT1210	mLFPK	RFS						No					MOS Discretes
934660783115	BUK7M5R0-40HX	BUK7M5R0-40HX	BUK7M5R0-40H	BUK7M5R0-40H	SOT1210	mLFPK	RFS						No					MOS Discretes
934660784115	BUK7M6R0-40HX	BUK7M6R0-40HX	BUK7M6R0-40H	BUK7M6R0-40H	SOT1210	mLFPK	RFS						No					MOS Discretes
934660785115	BUK7M6R7-40HX	BUK7M6R7-40HX	BUK7M6R7-40H	BUK7M6R7-40H	SOT1210	mLFPK	RFS						No					MOS Discretes
934660807115	BUK7M8R5-40HX	BUK7M8R5-40HX	BUK7M8R5-40H	BUK7M8R5-40H	SOT1210	mLFPK	RFS						No					MOS Discretes
934660786115	BUK7M9R5-40HX	BUK7M9R5-40HX	BUK7M9R5-40H	BUK7M9R5-40H	SOT1210	mLFPK	RFS						No					MOS Discretes
934661315118	BUK7S0R5-40HJ	BUK7S0R5-40HJ	BUK7S0R5-40H	N-channel 40 V, 0.5 mOhm standard level MOSFET in LFPK88	SOT1235	LFPK88	RFS						No					MOS Discretes
934660562118	BUK7S0R7-40HJ	BUK7S0R7-40HJ	BUK7S0R7-40H	BUK7S0R7-40H	SOT1235	LFPK88	RFS						No					MOS Discretes
934660561118	BUK7S1R0-40HJ	BUK7S1R0-40HJ	BUK7S1R0-40H	BUK7S1R0-40H	SOT1235	LFPK88	RFS						No					MOS Discretes
934661103118	BUK7S1R2-40HJ	BUK7S1R2-40HJ	BUK7S1R2-40H	BUK7S1R2-40H	SOT1235	LFPK88	RFS						No					MOS Discretes
934661102118	BUK7S1R5-40HJ	BUK7S1R5-40HJ	BUK7S1R5-40H	BUK7S1R5-40H	SOT1235	LFPK88	RFS						No					MOS Discretes
934661316118	BUK7S2R0-40HJ	BUK7S2R0-40HJ	BUK7S2R0-40H	N-channel 40 V, 2.0	SOT1235	LFPK88	RFS						No					MOS Discretes

				mOhm standard level MOSFET in LFPAK88															
9346613 17118	BUK7S2R5-40HX	BUK7S2R5-40HX	BUK7S2R5-40H	N-channel 40 V, 2.5 mOhm standard level MOSFET in LFPAK88	SOT1235	LFPAK88	RFS							No					MOS Discretes
9346625 03115	BUK7V4R2-40HX	BUK7V4R2-40HX	BUK7V4R2-40H	N Channel, 40V, 4.2mOhm, Standard Level MOSFET in LFPAK56D Half Bridge Package	SOT1205	LFPAK56D	RFS							No					MOS Discretes
9346603 68115	BUK7Y1R4-40HX	BUK7Y1R4-40HX	BUK7Y1R4-40H	BUK7Y1R4-40H	SOT669	LFPAK	RFS							No					MOS Discretes
9340693 03115	BUK7Y1R7-40HX	BUK7Y1R7-40HX	BUK7Y1R7-40H	BUK7Y1R7-40H	SOT669	LFPAK	RFS							No					MOS Discretes
9340693 04115	BUK7Y2R0-40HX	BUK7Y2R0-40HX	BUK7Y2R0-40H	BUK7Y2R0-40H	SOT669	LFPAK	RFS							No					MOS Discretes
9346600 84115	BUK7Y2R5-40HX	BUK7Y2R5-40HX	BUK7Y2R5-40H	BUK7Y2R5-40H	SOT669	LFPAK	RFS							No					MOS Discretes
9346600 85115	BUK7Y3R0-40HX	BUK7Y3R0-40HX	BUK7Y3R0-40H	BUK7Y3R0-40H	SOT669	LFPAK	RFS							No					MOS Discretes
9346600 66115	BUK7Y3R5-40HX	BUK7Y3R5-40HX	BUK7Y3R5-40H	BUK7Y3R5-40H	SOT669	LFPAK	RFS							No					MOS Discretes
9346617 33115	BUK7Y7R0-40HX	BUK7Y7R0-40HX	BUK7Y7R0-40H	BUK7Y7R0-40H	SOT669	LFPAK	RFS							No					MOS Discretes
9346603 69115	BUK9J0R9-40HX	BUK9J0R9-40HX	BUK9J0R9-40H	BUK9J0R9-40H	SOT1023	4 LEADS	RFS							No					MOS Discretes
9346625 05115	BUK9K13-40HX	BUK9K13-40HX	BUK9K13-40H	N Channel, 40V, 13mOhm, Logic Level MOSFET in LFPAK56D Dual Package	SOT1205	LFPAK56D	RFS							No					MOS Discretes
9346607 97115	BUK9M11-40HX	BUK9M11-40HX	BUK9M11-40H	BUK9M11-40H	SOT1210	mLFPAK	RFS							No					MOS Discretes
9346607 98115	BUK9M15-40HX	BUK9M15-40HX	BUK9M15-40H	BUK9M15-40H	SOT1210	mLFPAK	RFS							No					MOS Discretes
9346607 99115	BUK9M20-40HX	BUK9M20-40HX	BUK9M20-40H	BUK9M20-40H	SOT1210	mLFPAK	RFS							No					MOS Discretes
9346607 91115	BUK9M3R3-40HX	BUK9M3R3-40HX	BUK9M3R3-40H	BUK9M3R3-40H	SOT1210	mLFPAK	RFS							No					MOS Discretes
9346607 92115	BUK9M4R3-40HX	BUK9M4R3-40HX	BUK9M4R3-40H	BUK9M4R3-40H	SOT1210	mLFPAK	RFS							No					MOS Discretes
9346607 93115	BUK9M5R0-40HX	BUK9M5R0-40HX	BUK9M5R0-40H	BUK9M5R0-40H	SOT1210	mLFPAK	RFS							No					MOS Discretes
9346607 94115	BUK9M6R0-40HX	BUK9M6R0-40HX	BUK9M6R0-40H	BUK9M6R0-40H	SOT1210	mLFPAK	RFS							No					MOS Discretes
9346607 95115	BUK9M6R7-40HX	BUK9M6R7-40HX	BUK9M6R7-40H	BUK9M6R7-40H	SOT1210	mLFPAK	RFS							No					MOS Discretes
9346608 08115	BUK9M8R5-40HX	BUK9M8R5-40HX	BUK9M8R5-40H	BUK9M8R5-40H	SOT1210	mLFPAK	RFS							No					MOS Discretes
9346607 96115	BUK9M9R5-40HX	BUK9M9R5-40HX	BUK9M9R5-40H	BUK9M9R5-40H	SOT1210	mLFPAK	RFS							No					MOS Discretes
9346625 04115	BUK9V13-40HX	BUK9V13-40HX	BUK9V13-40H	N Channel, 40V, 13mOhm, Logic Level MOSFET in LFPAK56D Half Bridge Package	SOT1205	LFPAK56D	RFS							No					MOS Discretes

9346603 67115	BUK9Y1R3-40HX	BUK9Y1R3-40HX	BUK9Y1R3-40H	BUK9Y1R3-40H	SOT669	LFPK	RFS							No				MOS Discretes
9346603 61115	BUK9Y1R6-40HX	BUK9Y1R6-40HX	BUK9Y1R6-40H	BUK9Y1R6-40H	SOT669	LFPK	RFS							No				MOS Discretes
9346603 64115	BUK9Y1R9-40HX	BUK9Y1R9-40HX	BUK9Y1R9-40H	BUK9Y1R9-40H	SOT669	LFPK	RFS							No				MOS Discretes
9346603 65115	BUK9Y2R4-40HX		BUK9Y2R4-40H	BUK9Y2R4-40H	SOT669	LFPK	RFS							No				MOS Discretes
9346603 66115	BUK9Y2R8-40HX	BUK9Y2R8-40HX	BUK9Y2R8-40H	BUK9Y2R8-40H	SOT669	LFPK	RFS							No				MOS Discretes
9346615 33115	BUK9Y6R5-40HX	BUK9Y6R5-40HX	BUK9Y6R5-40H	BUK9Y6R5-40H	SOT669	LFPK	RFS							No				MOS Discretes