



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"/>	<input type="checkbox"/>				
Wafer	Assembl				
Fab	y				
Process	Process	<input type="checkbox"/> Product Marking	<input checked="" type="checkbox"/> Test	<input type="checkbox"/> Design	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Mechanical	Location	<input type="checkbox"/> Errata	
Wafer	Assembl	Specification	<input type="checkbox"/> Test	<input type="checkbox"/>	
Fab	y	<input type="checkbox"/>	Process	Electrical	
Material	Materials	Packing/Shipping/Labelin	<input type="checkbox"/> Test	spec./Tes	
s	<input type="checkbox"/>	g	Equipmen	t	
<input type="checkbox"/>	Assembl		t	coverage	
Wafer	y				
Fab	Location				
Location					

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.

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	BusinessLine_description
934660371115	BUK7J1R0-40HX		BUK7J1R0-40H	BUK7J1R0-40H	SOT1023	4 LEADS	RFS	MOS Discretes
934660082115	BUK7J1R4-40HX	BUK7J1R4-40HX	BUK7J1R4-40H	BUK7J1R4-40H	SOT1023	4 LEADS	RFS	MOS Discretes
934660787115	BUK7M11-40HX	BUK7M11-40HX	BUK7M11-40H	BUK7M11-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660788115	BUK7M15-40HX	BUK7M15-40HX	BUK7M15-40H	BUK7M15-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660789115	BUK7M20-40HX	BUK7M20-40HX	BUK7M20-40H	BUK7M20-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660781115	BUK7M3R3-40HX	BUK7M3R3-40HX	BUK7M3R3-40H	BUK7M3R3-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660782115	BUK7M4R3-40HX	BUK7M4R3-40HX	BUK7M4R3-40H	BUK7M4R3-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660783115	BUK7M5R0-40HX	BUK7M5R0-40HX	BUK7M5R0-40H	BUK7M5R0-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660784115	BUK7M6R0-40HX	BUK7M6R0-40HX	BUK7M6R0-40H	BUK7M6R0-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660785115	BUK7M6R7-40HX	BUK7M6R7-40HX	BUK7M6R7-40H	BUK7M6R7-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660807115	BUK7M8R5-40HX	BUK7M8R5-40HX	BUK7M8R5-40H	BUK7M8R5-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660786115	BUK7M9R5-40HX	BUK7M9R5-40HX	BUK7M9R5-40H	BUK7M9R5-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934661315118	BUK7S0R5-40HJ	BUK7S0R5-40HJ	BUK7S0R5-40H	N-channel 40 V, 0.5 mOhm	SOT1235	LFFPAK88	RFS	MOS Discretes
934660562118	BUK7S0R7-40HJ	BUK7S0R7-40HJ	BUK7S0R7-40H	BUK7S0R7-40H	SOT1235	LFFPAK88	RFS	MOS Discretes
934660561118	BUK7S1R0-40HJ	BUK7S1R0-40HJ	BUK7S1R0-40H	BUK7S1R0-40H	SOT1235	LFFPAK88	RFS	MOS Discretes
934661103118	BUK7S1R2-40HJ	BUK7S1R2-40HJ	BUK7S1R2-40H	BUK7S1R2-40H	SOT1235	LFFPAK88	RFS	MOS Discretes
934661102118	BUK7S1R5-40HJ	BUK7S1R5-40HJ	BUK7S1R5-40H	BUK7S1R5-40H	SOT1235	LFFPAK88	RFS	MOS Discretes
934661316118	BUK7S2R0-40HJ	BUK7S2R0-40HJ	BUK7S2R0-40H	N-channel 40 V, 2.0 mOhm	SOT1235	LFFPAK88	RFS	MOS Discretes
934661317118	BUK7S2R5-40HJ	BUK7S2R5-40HJ	BUK7S2R5-40H	N-channel 40 V, 2.5 mOhm	SOT1235	LFFPAK88	RFS	MOS Discretes
934662503115	BUK7V4R2-40HX	BUK7V4R2-40HX	BUK7V4R2-40H	N Channel, 40V, 4.2mOhm	SOT1205	LFFPAK56D	RFS	MOS Discretes
934660368115	BUK7Y1R4-40HX		BUK7Y1R4-40H	BUK7Y1R4-40H	SOT669	LFFPAK	RFS	MOS Discretes
934069303115	BUK7Y1R7-40HX	BUK7Y1R7-40HX	BUK7Y1R7-40H	BUK7Y1R7-40H	SOT669	LFFPAK	RFS	MOS Discretes
934069304115	BUK7Y2R0-40HX	BUK7Y2R0-40HX	BUK7Y2R0-40H	BUK7Y2R0-40H	SOT669	LFFPAK	RFS	MOS Discretes
934660084115	BUK7Y2R5-40HX		BUK7Y2R5-40H	BUK7Y2R5-40H	SOT669	LFFPAK	RFS	MOS Discretes
934660085115	BUK7Y3R0-40HX	BUK7Y3R0-40HX	BUK7Y3R0-40H	BUK7Y3R0-40H	SOT669	LFFPAK	RFS	MOS Discretes
934660066115	BUK7Y3R5-40HX	BUK7Y3R5-40HX	BUK7Y3R5-40H	BUK7Y3R5-40H	SOT669	LFFPAK	RFS	MOS Discretes
934661733115	BUK7Y7R0-40HX	BUK7Y7R0-40HX	BUK7Y7R0-40H	BUK7Y7R0-40H	SOT669	LFFPAK	RFS	MOS Discretes
934660369115	BUK9J0R9-40HX		BUK9J0R9-40H	BUK9J0R9-40H	SOT1023	4 LEADS	RFS	MOS Discretes
934662505115	BUK9K13-40HX	BUK9K13-40HX	BUK9K13-40H	N Channel, 40V, 13mOhm,	SOT1205	LFFPAK56D	RFS	MOS Discretes
934660797115	BUK9M11-40HX	BUK9M11-40HX	BUK9M11-40H	BUK9M11-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660798115	BUK9M15-40HX	BUK9M15-40HX	BUK9M15-40H	BUK9M15-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660799115	BUK9M20-40HX	BUK9M20-40HX	BUK9M20-40H	BUK9M20-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660791115	BUK9M3R3-40HX	BUK9M3R3-40HX	BUK9M3R3-40H	BUK9M3R3-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660792115	BUK9M4R3-40HX	BUK9M4R3-40HX	BUK9M4R3-40H	BUK9M4R3-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660793115	BUK9M5R0-40HX	BUK9M5R0-40HX	BUK9M5R0-40H	BUK9M5R0-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660794115	BUK9M6R0-40HX	BUK9M6R0-40HX	BUK9M6R0-40H	BUK9M6R0-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660795115	BUK9M6R7-40HX	BUK9M6R7-40HX	BUK9M6R7-40H	BUK9M6R7-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660808115	BUK9M8R5-40HX	BUK9M8R5-40HX	BUK9M8R5-40H	BUK9M8R5-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934660796115	BUK9M9R5-40HX	BUK9M9R5-40HX	BUK9M9R5-40H	BUK9M9R5-40H	SOT1210	mLFFPAK	RFS	MOS Discretes
934662504115	BUK9V13-40HX	BUK9V13-40HX	BUK9V13-40H	N Channel, 40V, 13mOhm,	SOT1205	LFFPAK56D	RFS	MOS Discretes
934660367115	BUK9Y1R3-40HX		BUK9Y1R3-40H	BUK9Y1R3-40H	SOT669	LFFPAK	RFS	MOS Discretes
934660361115	BUK9Y1R6-40HX		BUK9Y1R6-40H	BUK9Y1R6-40H	SOT669	LFFPAK	RFS	MOS Discretes
934660364115	BUK9Y1R9-40HX		BUK9Y1R9-40H	BUK9Y1R9-40H	SOT669	LFFPAK	RFS	MOS Discretes
934660365115	BUK9Y2R4-40HX		BUK9Y2R4-40H	BUK9Y2R4-40H	SOT669	LFFPAK	RFS	MOS Discretes
934660366115	BUK9Y2R8-40HX		BUK9Y2R8-40H	BUK9Y2R8-40H	SOT669	LFFPAK	RFS	MOS Discretes
934661533115	BUK9Y6R5-40HX	BUK9Y6R5-40HX	BUK9Y6R5-40H	BUK9Y6R5-40H	SOT669	LFFPAK	RFS	MOS Discretes