



Product Change Notification

CN-202210028FU01

Issue date: 11 Nov 2022

Effective date: 23 Feb 2023

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.



Release of LPAK56 Automotive Types in Nexperia Guangdong, China (ATGD)

Change Category

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

Details of this change

To improve supply security, Nexperia have qualified additional manufacturing capability for automotive LPFAK56 products types at Nexperia, Guangdong. Upon release Nexperia will continue to use assembly at Nexperia, Cabuyao, Philippines along with Nexperia Guangdong.

For die diffused in Vanguard International Semiconductors (VIS) the manufacturing capability will be extended 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.

CN-202210028F-PCN-Delta-Qualification-Matrix-ZVEI-4_1.xlsm:
https://qcm.nexperia.com/Document/DOC-545427/CN-202210028F-PCN-Delta-Qualification-Matrix-ZVEI-4_1.xlsm

CN-202210028FT6AutomotiveLFPAKDualSourcing.pdf:
<https://qcm.nexperia.com/Document/DOC-545426/CN-202210028FT6AutomotiveLFPAKDualSourcing.pdf>

Why do we implement this change?

To meet customer expectations for second sourcing as a business contingency. From implementation date Nexperia will have increased supply security provided by multiple manufacturing locations and manufacturing capability

Identification of affected products

Top Side Marking

Assembly location identified on the 3rd line of marking

Product availability

Production

Planned first shipment: 21 Jan 2023

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 11 Dec 2022. Lack of acknowledgement of the PCN constitutes acceptance of the change.

Additional information

[View Change Notification Online](#)

Update history

Update of notification to add type BUK9Y25-60E/DS

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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