



**Product Change Notification** **CN-202210028F**

**Issue date:** 21 Oct 2022

**Effective date:** 02 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 LFPAK56 Automotive Types in Nexperia Guangdong, China (ATGD)**

**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"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mechanical	<input type="checkbox"/>	Location
Wafer	Assembl		Specification	<input type="checkbox"/>	Test
Fab	y	<input type="checkbox"/>		<input type="checkbox"/>	Process
Material	Materials		Packing/Shipping/Labelin	<input type="checkbox"/>	Test
s	[X]		g	<input type="checkbox"/>	Equipmen
<input type="checkbox"/>	Assembl			<input type="checkbox"/>	t
Wafer	y				coverage
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](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 20 Nov 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](mailto: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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