



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

- Wafer
- Fab
- Process
- Wafer
- Fab
- Materials
- Wafer
- Fab
- Location
- Assembl
- Process
- Assembl
- Materials
- Assembl
- Location
- Product Marking
- Mechanical
- Specification
- Packing/Shipping/Labelin
- Test Location
- Test Process
- Test Equipmen
- Design
- Errata
- Electrical spec./Tes
- t coverage

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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Salicitem_name	Salicitem_ordinalPartNumber	SalicOrder_customerPartNumber	ProductType_name	BuskType_description	PackageOutlineVersion_description	PackageType_description	Salicitem_state	Salicitem_discontinuationType	Salicitem_availability	Salicitem_source	Salicitem_justTimeByDate	Salicitem_justTimeShipDate	Salicitem_customerSpecificIndicator	Businessline_description
93406743115	BUKY72-6DEK	BUKY72-6DEK	BUKY72-6DE	BUKY72-6DE	SOT1669	LPFAK	RFS							MOS Discretes
93406743915	BUKY715-6DEK	BUKY715-6DEK	BUKY715-6DE	BUKY715-6DE	SOT1669	LPFAK	RFS							MOS Discretes
93406744115	BUKY715-6DEK	BUKY715-6DEK	BUKY715-6DE	BUKY715-6DE	SOT1669	LPFAK	RFS							MOS Discretes
93406744115	BUKY725-6DEK	BUKY725-6DEK	BUKY725-6DE	BUKY725-6DE	SOT1669	LPFAK	RFS							MOS Discretes
93406743115	BUKY725-6DEK	BUKY725-6DEK	BUKY725-6DE	BUKY725-6DE	SOT1669	LPFAK	RFS							MOS Discretes
93406743115	BUKY729-6DEK	BUKY729-6DEK	BUKY729-6DE	BUKY729-6DE	SOT1669	LPFAK	RFS							MOS Discretes
93406744415	BUKY738-10DEK	BUKY738-10DEK	BUKY738-10DE	BUKY738-10DE	SOT1669	LPFAK	RFS							MOS Discretes
93406744115	BUKY741-8DEK	93406742415	BUKY741-8DE	BUKY741-8DE	SOT1669	LPFAK	RFS							MOS Discretes
93461384115	BUKY759-6DE/DMANN		BUKY759-6DE/DMAN	BUKY759-6DE	SOT1669	LPFAK	RFS	Full withdrawal	Standard End of Life	multiple	2021-12-31	2022-06-30		MOS Discretes
93406741715	BUKY759-6DEK	BUKY759-6DEK	BUKY759-6DE	BUKY759-6DE	SOT1669	LPFAK	RFS							MOS Discretes
93406744115	BUKY761-10DEK	BUKY761-10DEK	BUKY761-10DE	BUKY761-10DE	SOT1669	LPFAK	RFS							MOS Discretes
93406743215	BUKY776-4DEK	BUKY776-4DEK	BUKY776-4DE	BUKY776-4DE	SOT1669	LPFAK	RFS							MOS Discretes
93406743115	BUKY798-6DEK	BUKY798-6DEK	BUKY798-6DE	BUKY798-6DE	SOT1669	LPFAK	RFS							MOS Discretes
93406768115	BUKY107-8DEK	BUKY107-8DEK	BUKY107-8DE	BUKY107-8DE	SOT1669	LPFAK	RFS							MOS Discretes
93406741715	BUKY112-4DE-115	93406704715	BUKY112-4DE	BUKY112-4DE	SOT1669	LPFAK	RFS							MOS Discretes
93406702115	BUKY115-6DE-115	93406702115	BUKY115-6DE	BUKY115-6DE	SOT1669	LPFAK	RFS							MOS Discretes
93462429115	BUKY115-6DE/ADIX		BUKY115-6DE/ADIX	BUKY115-6DE	SOT1669	LPFAK	RFS							MOS Discretes
93406704215	BUKY131-10DE-115	93406704215	BUKY131-10DE	BUKY131-10DE	SOT1669	LPFAK	RFS							MOS Discretes
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93461401115	BUKY25-6DE/DMANN		BUKY25-6DE/DMAN	BUKY25-6DE	SOT1669	LPFAK	RFS							MOS Discretes
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93461401115	BUKY59-6DE/DMANN		BUKY59-6DE/DMAN	BUKY59-6DE	SOT1669	LPFAK	RFS							MOS Discretes
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93406704115	BUKY776-4DE-115	BUKY776-4DE-115	BUKY776-4DE	BUKY776-4DE	SOT1669	LPFAK	RFS							MOS Discretes
93461388115	BUKY776-4DE/DMANN		BUKY776-4DE/DMAN	BUKY776-4DE	SOT1669	LPFAK	RFS	Full withdrawal	Standard End of Life	multiple	2021-12-31	2022-06-30		MOS Discretes