



**Product Change Notification**

**CN-202308001F**

**Issue date:** 09 Oct 2023

**Effective date:** 21 Jan 2024

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.



**Introduction of a 2nd source EMC for SOT428C (DPAK) package**

**Change Category**

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Location	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Material	<input checked="" 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**

Introduction of a 2nd source EMC (epoxy mold compound) G700HFC in SOT428C package.

CN-202308001F\_PCN-FORM-Rev\_4\_0.xlsm:  
[https://qcm.nexperia.com/Document/DOC-562003/CN-202308001F\\_PCN-FORM-Rev\\_4\\_0.xlsm](https://qcm.nexperia.com/Document/DOC-562003/CN-202308001F_PCN-FORM-Rev_4_0.xlsm)

SQR\_CN-202308001F.pdf: [https://qcm.nexperia.com/Document/DOC-562002/SQR\\_CN-202308001F.pdf](https://qcm.nexperia.com/Document/DOC-562002/SQR_CN-202308001F.pdf)

CN-202308001F\_PCN-Delta-Qualification-Matrix-ZVEI-5\_0\_14.xlsm:  
[https://qcm.nexperia.com/Document/DOC-559700/CN-202308001F\\_PCN-Delta-Qualification-Matrix-ZVEI-5\\_0\\_14.xlsm](https://qcm.nexperia.com/Document/DOC-559700/CN-202308001F_PCN-Delta-Qualification-Matrix-ZVEI-5_0_14.xlsm)

### **Why do we implement this change?**

Increasing flexibility and ensure manufacturability in case of limited material supply.

### **Identification of affected products**

Changed product can be identified by date code after implementation.

## **Product availability**

### **Production**

Planned first shipment: 16 Jan 2024

### **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

2nd source EMCs will be used in addition to the released material. Current EMC will still be qualified for the affected products.

## Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 08 Nov 2023. 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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SalesItem_name	SalesItem_orderablePartNumber	SalesOrder_customerPartNumber	ProductType_name	BasicType_description	PackageOutlineVersion_description	PackageType_description	SalesItem_state	SalesItem_customerSpecificIndicator	BusinessLine_description
934662846118	MJD148-QJ	MJD148-QJ	MJD148-Q	MJD148-Q	SOT428C	DPAK	RFS	No	Bipolar Discretes
934662267118	MJD148J	MJD148J	MJD148J	MJD148	SOT428C	DPAK	RFS	No	Bipolar Discretes
934662845118	MJD2873-QJ	MJD2873-QJ	MJD2873-Q	MJD2873-Q	SOT428C	DPAK	RFS	No	Bipolar Discretes
934662266118	MJD287J	MJD287J	MJD287J	MJD287J	SOT428C	DPAK	RFS	No	Bipolar Discretes
934660548118	MJD31CAJ	MJD31CAJ	MJD31CA	100 V, 3 A NPN high powe	SOT428C	DPAK	RFS	No	Bipolar Discretes
934662847118	MJD31CH-QJ	MJD31CH-QJ	MJD31CH-Q	MJD31CH-Q	SOT428C	DPAK	RFS	No	Bipolar Discretes
934660544118	MJD31CJ	MJD31CJ	MJD31C	100 V, 3 A NPN high powe	SOT428C	DPAK	RFS	No	Bipolar Discretes
934660549118	MJD32CAJ	MJD32CAJ	MJD32CA	100 V, 3 A PNP high powe	SOT428C	DPAK	RFS	No	Bipolar Discretes
934660545118	MJD32CJ	MJD32CJ	MJD32C	100 V, 3 A PNP high powe	SOT428C	DPAK	RFS	No	Bipolar Discretes
934662843118	MJD41C-QJ	MJD41C-QJ	MJD41C-Q	MJD41C-Q	SOT428C	DPAK	RFS	No	Bipolar Discretes
934662264118	MJD41CJ	MJD41CJ	MJD41C	MJD41C	SOT428C	DPAK	RFS	No	Bipolar Discretes
934662844118	MJD42C-QJ	MJD42C-QJ	MJD42C-Q	MJD42C-Q	SOT428C	DPAK	RFS	No	Bipolar Discretes
934662265118	MJD42CJ	MJD42CJ	MJD42C	MJD42C	SOT428C	DPAK	RFS	No	Bipolar Discretes
934660551118	MJD44H11AJ	MJD44H11AJ	MJD44H11A	80 V, 8 A NPN high power	SOT428C	DPAK	RFS	No	Bipolar Discretes
934660546118	MJD44H11J	MJD44H11J	MJD44H11	80 V, 8 A NPN high power	SOT428C	DPAK	RFS	No	Bipolar Discretes
934660552118	MJD45H11AJ	MJD45H11AJ	MJD45H11A	80 V, 8 A PNP high power	SOT428C	DPAK	RFS	No	Bipolar Discretes
934660547118	MJD45H11J	MJD45H11J	MJD45H11	80 V, 8 A PNP high power	SOT428C	DPAK	RFS	No	Bipolar Discretes