



**Product Change Notification** **CN-202203014F**

**Issue date:** 01 Apr 2022  
**Effective date:** 14 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.



**Introduction of new Epoxy Mold Compounds (EMC) in SOT23 package**

**Change Category**

- Wafer
- Fab
- Process
- Wafer
- Fab
- Materials
- Wafer
- Fab
- Location
- Assembl
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- Process
- Assembl
- Materials
- Assembl
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- Location
- Product Marking
- Mechanical
- Specification
- Packing/Shipping/Labelin
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**Details of this change**

Introduction of additional EMCs (epoxy mold compounds) GR646CHN, CV4112 and EME-E500HK in SOT23 package.

Current Products: GR646 (where affected), 3400FPG (where affected) and EME-E500HK (where affected)

Changed Products: GR646CHN, EME-E500HK, CV4112 (where affected), GR646 (where affected) and 3400FPG (where affected)

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CN-202203014F\_PCN-FORM-Rev\_4\_0.xlsm:  
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CN-202203014F\_PCN-Delta-Qualification-Matrix-ZVEI-4\_1.xlsm:  
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### **Why do we implement this change?**

To increase the flexibility and volume ramp-up.

### **Identification of affected products**

Changed product can be identified by date code after implementation.

## **Product availability**

### **Production**

Planned first shipment: 01 Aug 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**

New EMCs in addition to the released material (where applicable).

## **Feedback**

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 01 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](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
934062297235	2P8709ASL_235		2P8709ASL	45 V, 100 mA PNP general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934062297235	2P8709ASL_235		2P8709ASL	45 V, 100 mA PNP general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934062299215	2P8709ASL_215	2P8709ASL_215	2P8709ASL	45 V, 100 mA PNP general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934062299235	2P8709ASL_235		2P8709ASL	45 V, 100 mA PNP general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934064714215	2P8709BSL_215		2P8709BSL	50 V, 200 mA PNP general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934064715215	2P8709BSL_215		2P8709BSL	50 V, 200 mA PNP general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934062306215	2P0601ARL_215	2P0601ARL_215	2P0601ARL	50 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934062306235	2P0601ARL_235		2P0601ARL	50 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934062308215	2P0601ASL_215		2P0601ASL	50 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934062308235	2P0601ASL_235		2P0601ASL	50 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934064712215	2P0601BSL_215	2P0601BSL_215	2P0601BSL	50 V, 200 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934064713215	2P0601BSL_215		2P0601BSL	50 V, 200 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933986070215	BA159_215	BA159_215	BA159	High-speed diode	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934068492215	BA5101S_215	BA5101S_215	BA5101S	High-voltage switching diodes	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933526030215	BA517_215	BA517_215	BA517	Low-voltage stabilizer	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933502002015	BA518_215	BA518_215	BA518	High-voltage switching diode	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933502002035	BA519_235		BA519	High-voltage switching diode	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934660319215	BA521THR	BA521THR	BA521TH	High-voltage switching diode	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934660319235	BA521THVL		BA521TH	High-voltage switching diode	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933410700215	BAT17_215	BAT17_215	BAT17	Schottky barrier diode	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933410700235	BAT17_235		BAT17	Schottky barrier diode	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933700100215	BAV74_215	BAV74_215	BAV74	High-speed double diode	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933700100235	BAV74_235		BAV74	High-speed double diode	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934661589215	BC806-16HR	BC806-16HR	BC806-16H	80 V, 500 mA PNP general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934661589235	BC806-16HV		BC806-16H	80 V, 500 mA PNP general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934661592215	BC816-16HR	BC816-16HR	BC816-16H	80 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934661592235	BC816-16HV		BC816-16H	80 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934661122215	BC816-16R	BC816-16R	BC816-16	80 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934661122235	BC816-16V		BC816-16H	80 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934661593215	BC816-25HR	BC816-25HR	BC816-25H	80 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934661593235	BC816-25HV		BC816-25H	80 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934661123215	BC816-25R	BC816-25R	BC816-25	80 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934661123235	BC816-25V		BC816-25H	80 V, 500 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933588630215	BC848R_215	BC848R_215	BC848R	30 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933588630235	BC848R_235		BC848R	30 V, 100 mA NPN general-purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933589700215	BC850C_215	BC850C_215	BC850C	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933589700235	BC850C_235		BC850C	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933588502215	BC860B_215	BC860B_215	BC860B	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933588502235	BC860B_235		BC860B	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933806210215	BCV26_215	BCV26_215	BCV26	PNP Darlington transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933806210235	BCV26_235		BCV26	PNP Darlington transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933082731215	BCW29_215	BCW29_215	BCW29	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933082731235	BCW29_235		BCW29	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933082741215	BCW30_215	BCW30_215	BCW30	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933082741235	BCW30_235		BCW30	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933082781215	BCW31_215	BCW31_215	BCW31	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933082781235	BCW31_235		BCW31	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933082791215	BCW32_215	BCW32_215	BCW32	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933082791235	BCW32_235		BCW32	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93309650215	BCW33_215	BCW33_215	BCW33	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93334090215	BCW68_215	BCW68_215	BCW68	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933340902135	BCW68_235		BCW68	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93334100215	BCW60C_215	BCW60C_215	BCW60C	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933341002135	BCW60C_235		BCW60C	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93334130215	BCW61G_215	BCW61G_215	BCW61G	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933341302135	BCW61G_235		BCW61G	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93334140215	BCW61C_215	BCW61C_215	BCW61C	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933341402135	BCW61C_235		BCW61C	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93334150215	BCW61D_215	BCW61D_215	BCW61D	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934070941215	BCW66FR	BCW66FR	BCW66F	45 V, 800 mA NPN general-purpose transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934070941235	BCW66FR		BCW66F	45 V, 800 mA NPN general-purpose transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934070941185	BCW66F2	BCW66F2	BCW66F	45 V, 800 mA NPN general-purpose transistor	SOT23	TO-236AB	CQS	No	Bipolar Discretes
934070942125	BCW66GR	BCW66GR	BCW66G	45 V, 800 mA NPN general-purpose transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934070942135	BCW66GR		BCW66G	45 V, 800 mA NPN general-purpose transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934070942185	BCW66G2	BCW66G2	BCW66G	45 V, 800 mA NPN general-purpose transistor	SOT23	TO-236AB	CQS	No	Bipolar Discretes
934070943215	BCW66HR	BCW66HR	BCW66H	45 V, 800 mA NPN general-purpose transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934070943235	BCW66HR		BCW66H	45 V, 800 mA NPN general-purpose transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934070943285	BCW66HV	BCW66HV	BCW66H	45 V, 800 mA NPN general-purpose transistor	SOT23	TO-236AB	CQS	No	Bipolar Discretes
934070943185	BCW69_215	BCW69_215	BCW69	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933149380215	BCW70_215	BCW70_215	BCW70	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933149380235	BCW70_235		BCW70	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933495320215	BCW89_215	BCW89_215	BCW89	PNP general purpose transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933495320235	BCW89_235		BCW89	PNP general purpose transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93348360215	BCX70G_215	BCX70G_215	BCX70G	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93347890215	BCX70H_215	BCX70H_215	BCX70H	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933478902135	BCX70H_235		BCX70H	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933476660215	BCX70J_215	BCX70J_215	BCX70J	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933476660235	BCX70J_235		BCX70J	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933476670215	BCX70K_215	BCX70K_215	BCX70K	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933476670235	BCX70K_235		BCX70K	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933483670215	BCX71J_215	BCX71J_215	BCX71J	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933483670235	BCX71J_235		BCX71J	PNP general purpose transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933490900215	BF520_215	BF520_215	BF520	PNP medium frequency transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933490900235	BF520_235		BF520	PNP medium frequency transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93314420215	BF570_215	BF570_215	BF570	PNP medium frequency transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933049000215	BF822_215	BF822_215	BF822	PNP high voltage transistors	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93372350215	BF824_215	BF824_215	BF824	PNP medium frequency transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93372350235	BF824_235		BF824	PNP medium frequency transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93308501215	BF159_215	BF159_215	BF159	PNP medium frequency transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933085012135	BF159_235		BF159	PNP medium frequency transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
933331500215	BS564_215	BS564_215	BS564	PNP high voltage transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
93309000215	BSV52_215	BSV52_215	BSV52	PNP switching transistor	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934061717215	BZ884-810_215	BZ884-810_215	BZ884-810	Dual Zener diodes	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934061718215	BZ884-811_215	BZ884-811_215	BZ884-811	Dual Zener diodes	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934063847215	BZ884-818_215	BZ884-818_215	BZ884-818	Dual Zener diodes	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934063847235	BZ884-820_215	BZ884-820_215	BZ884-820	Dual Zener diodes	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934063848215	BZ884-822_215	BZ884-822_215	BZ884-822	Dual Zener diodes	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934063851215	BZ884-827_215	BZ884-827_215	BZ884-827	Dual Zener diodes	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934061701215	BZ884-824V_215	BZ884-824V_215	BZ884-824	Dual Zener diodes	SOT23	TO-236AB	RF5	No	Bipolar Discretes
934061702215	BZ884-827V_215	BZ884-827V_215	BZ884-827						

