



Product Change Notification

CN-202201008F

Issue date: 26 Jan 2022

Effective date: 10 May 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.



Change of back side metallization thickness in SOT457 package

Change Category

☒ Wafer	☐ Assembly			
☐ Process	☐ Process	☐ Product Marking	☐ Test Location	☐ Design
☐ Wafer	☐ Assembly	☐ Mechanical Specification	☐ Test Process	☐ Errata
☐ Materials	☐ Materials	☐ Packing/Shipping/Labeling	☐ Test Equipment	☐ Electrical spec./Test coverage
☐ Wafer	☐ Assembly			
☐ Fab	☐ Location			

Details of this change

The back side metallization thickness will be changed from 2.15 µm to 1.75 µm.

Current Products Back side metallization thickness 2.15 µm.
Changed Products Back side metallization thickness 1.75 µm

202201008F_PCN-FORM-Rev_4_0.xlsm:
https://qcm.nexperia.com/Document/DOC-534711/202201008F_PCN-FORM-Rev_4_0.xlsm

202201008F_PCN-Delta-Qualification-Matrix-ZVEI-4_1.xlsm:
https://qcm.nexperia.com/Document/DOC-534710/202201008F_PCN-Delta-Qualification-Matrix-ZVEI-4_1.xlsm

SQR_202201008F.pdf: https://qcm.nexperia.com/Document/DOC-534709/SQR_202201008F.pdf

Why do we implement this change?

To increase efficiency of volume production.

Identification of affected products

Changed product can be identified by date code after implementation.

Product availability

Production

Planned first shipment: 01 Jun 2022

Existing inventory will be shipped until depleted

Sample information

Samples are available upon request

Impact

No impact to the product's functionality anticipated

Data sheet revision

No impact to existing datasheet

Feedback

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 25 Feb 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

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	BusinessLine_description
934057318115	BC807DS,115	BC807DS,115	BC807DS	PNP/PNP general purpose	SOT457	SC-74	RFS	Bipolar Discretes
934057318135	BC807DSF		BC807DS	PNP/PNP general purpose	SOT457	SC-74	RFS	Bipolar Discretes
934057320115	BC817DPN,115	BC817DPN,115	BC817DPN	NPN/PNP general purpose	SOT457	SC-74	RFS	Bipolar Discretes
934057320125	BC817DPN,125		BC817DPN	NPN/PNP general purpose	SOT457	SC-74	RFS	Bipolar Discretes
934057320135	BC817DPNF		BC817DPN	NPN/PNP general purpose	SOT457	SC-74	RFS	Bipolar Discretes
934070951135	BCM53DSF	BCM53DSF	BCM53DS	80 V, 1 A PNP/PNP matche	SOT457	SC-74	RFS	Bipolar Discretes
934070951115	BCM53DSX	BCM53DSX	BCM53DS	80 V, 1 A PNP/PNP matche	SOT457	SC-74	RFS	Bipolar Discretes
934070952135	BCM56DSF	BCM56DSF	BCM56DS	80 V, 1 A NPN/NPN match	SOT457	SC-74	RFS	Bipolar Discretes
934070952115	BCM56DSX	BCM56DSX	BCM56DS	80 V, 1 A NPN/NPN match	SOT457	SC-74	RFS	Bipolar Discretes
934056660115	PBSS4140DPN,115	PBSS4140DPN,115	PBSS4140DPN	40 V low VCEsat NPN/PNP	SOT457	SC-74	RFS	Bipolar Discretes
934056660135	PBSS4140DPNF	PBSS4140DPNF	PBSS4140DPN	40 V low VCEsat NPN/PNP	SOT457	SC-74	RFS	Bipolar Discretes
934058119115	PBSS4160DPN,115	PBSS4160DPN,115	PBSS4160DPN	60 V, 1 A NPN/PNP low VC	SOT457	SC-74	RFS	Bipolar Discretes
934058115115	PBSS4160DS,115	PBSS4160DS,115	PBSS4160DS	60 V, 1 A NPN/NPN low VC	SOT457	SC-74	RFS	Bipolar Discretes
934058115125	PBSS4160DSH	934058115125	PBSS4160DS	60 V, 1 A NPN/NPN low VC	SOT457	SC-74	RFS	Bipolar Discretes
934058115165	PBSS4160DSZ		PBSS4160DS	60 V, 1 A NPN/NPN low VC	SOT457	SC-74	RFS	Bipolar Discretes
934055947115	PBSS4350D,115	PBSS4350D,115	PBSS4350D	50 V low VCEsat NPN trans	SOT457	SC-74	RFS	Bipolar Discretes
934055947125	PBSS4350D,125	PBSS4350D,125	PBSS4350D	50 V low VCEsat NPN trans	SOT457	SC-74	RFS	Bipolar Discretes
934055947135	PBSS4350D,135		PBSS4350D	50 V low VCEsat NPN trans	SOT457	SC-74	RFS	Bipolar Discretes
934058121115	PBSS5160DS,115	PBSS5160DS,115	PBSS5160DS	60 V, 1 A PNP/PNP low VCI	SOT457	SC-74	RFS	Bipolar Discretes
934057979115	PBSS8110D,115	PBSS8110D,115	PBSS8110D	100 V, 1 A NPN low VCEsat	SOT457	SC-74	RFS	Bipolar Discretes
934070747135	PESD2ETH-ADX		PESD2ETH-AD	Ultra low capacitance doul	SOT457	SC-74	RFS	Bipolar Discretes
934070747115	PESD2ETH-ADF		PESD2ETH-AD	Ultra low capacitance doul	SOT457	SC-74	RFS	Bipolar Discretes
934070746135	PESD2ETH-DF		PESD2ETH-D	Ultra low capacitance doul	SOT457	SC-74	RFS	Bipolar Discretes
934070746115	PESD2ETH-DX		PESD2ETH-D	Ultra low capacitance doul	SOT457	SC-74	RFS	Bipolar Discretes