



Product Change Notification **CN-202109017F**

Issue date: 08 Oct 2021
Effective date: 20 Jan 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.



BG352b: Change of back side metallization thickness

Change Category

- | | | | | | |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wafer | Assembl | | | Test | Design |
| Fab | | | | Location | Errata |
| Process | y | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Process | <input type="checkbox"/> | Product Marking | <input type="checkbox"/> | Electrical |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Mechanical | <input type="checkbox"/> | spec./Test |
| Wafer | Assembl | <input type="checkbox"/> | Specification | <input type="checkbox"/> | coverage |
| Fab | | <input type="checkbox"/> | | <input type="checkbox"/> | |
| Material | y | <input type="checkbox"/> | Packing/Shipping/Labelin | <input type="checkbox"/> | |
| s | Materials | <input type="checkbox"/> | g | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input type="checkbox"/> | | | Equipmen | |
| Wafer | Assembl | | | t | |
| Fab | | | | | |
| Location | y | | | | |
| | 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

SQR_202109017F.pdf: https://qcm.nexperia.com/Document/DOC-520034/SQR_202109017F.pdf

202109017F_PCN-FORM-Rev_4_0.xlsm:
https://qcm.nexperia.com/Document/DOC-520032/202109017F_PCN-FORM-Rev_4_0.xlsm

202109017F_PCN-Delta-Qualification-Matrix-ZVEI-4_1.xlsm:
https://qcm.nexperia.com/Document/DOC-520025/202109017F_PCN-Delta-Qualification-Matrix-ZVEI-4_1.xlsm

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 Feb 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 07 Nov 2021. 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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<u>SalesItem_name</u>	<u>Affected Part Numbers</u>
934055690115	1PS70SB20,115
934054925115	1PS88SB48,115
934033190115	2PB1219AQ,115
934033190135	2PB1219AQ,135

934033200115	2PB1219AR,115
934033200135	2PB1219AR,135
934033210115	2PB1219AS,115
934033210135	2PB1219AS,135
934042620115	2PD1820AR,115
934042630115	2PD1820AS,115
934051400115	BAT160A,115
934051410115	BAT160C,115
934051420115	BAT160S,115
934661125135	BC806-16WF
934661125115	BC806-16WX
934661126135	BC806-25WF
934661126115	BC806-25WX
934070769135	BC807-16LWF
934070769115	BC807-16LWX
934070771135	BC807-25LWF
934070771115	BC807-25LWX
934070772135	BC807-40LWF
934070772115	BC807-40LWX
934661077135	BCP51-10TF
934661078135	BCP51-16TF
934661073135	BCP51TF
934661081135	BCP52-10TF
934661082135	BCP52-16TF
934661079135	BCP52TF
934070287115	BCP53-10HX
934070288115	BCP53-16HX
934070116135	BCP53-16TF
934070116115	BCP53-16TX
934070286115	BCP53HX
934070114135	BCP53TF
934070114115	BCP53TX
933917180115	BCP54,115
933917180135	BCP54,135
933917190135	BCP54-10,135
934661084135	BCP54-10TF
933917200115	BCP54-16,115
933917200135	BCP54-16,135
934661085135	BCP54-16TF
934661083135	BCP54TF
934661087135	BCP55-10TF
934661088135	BCP55-16TF

934661086135	BCP55TF
934070291115	BCP56-10HX
934070292115	BCP56-16HX
934070289115	BCP56HX
933969380115	BCP69,115
933969380135	BCP69,135
934009430115	BCP69-16,115
934009430135	BCP69-16F
933969390115	BCP69-25,115
933969390135	BCP69-25,135
934070329115	NCR320ZX
934070331115	NCR321ZX
934070332115	NCR420ZX
934070333115	NCR421ZX
934056514115	PBSS4140U,115
934056514135	PBSS4140U,135
934058117115	PBSS4160U,115
934056511115	PBSS4240Y,115
934056513115	PBSS5140U,115
934056513135	PBSS5140U,135
934058123115	PBSS5160U,115
934056512115	PBSS5240Y,115
934056512135	PBSS5240Y,135
934057982115	PBSS8110Y,115
934057977135	PBSS8110Z,135
934068346135	PDTD114EUF
934068346115	PDTD114EUX
934070158215	PESD2ETH-AXR
934058004115	PESD5V0S1BA,115
934660151135	PESD5V0S1BA/8F
934660151115	PESD5V0S1BA/8X
934058004135	PESD5V0S1BAF
934070365118	PMEG2005EGWJ
934070365115	PMEG2005EGWX
934057916115	PMEG2010BEA,115
934057100115	PMEG2010EA,115
934057100135	PMEG2010EA,135
934057100145	PMEG2010EAZ
934057622115	PMEG2015EA,115
934057933115	PMEG2020AEA,115
934057751115	PMEG3005AEA,115
934070451118	PMEG3005EGWJ

934070451115	PMEG3005EGWX
934070452118	PMEG3010EGWJ
934070452115	PMEG3010EGWX
934070368118	PMEG4005EGWJ
934070368115	PMEG4005EGWX
934070369118	PMEG4010EGWJ
934070369115	PMEG4010EGWX
934042540115	PMSTA55,115
934042270115	PMSTA56,115
934059879215	PRTR5V0U2AX,215
934059879235	PRTR5V0U2AX,235
933982040115	PZT2907A,115
933982040135	PZT2907A,135