

Final Product Change Notification

201612035F01

Issue Date: 08-Jun-2017
Effective Date: 20-Sep-2017

Here's your personalized quality information concerning products Digi-Key purchased from Nexperia.
 For detailed information we invite you to view this notification online



Change Category

- | | | | | |
|---|---|--|---|---|
| <input checked="" 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 checked="" type="checkbox"/> Wafer Fab Materials | <input 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 |

Release of 8 inch wafer diameter for low VF Schottky barrier rectifiers

Details of this Change

Release of production using 8 inch wafer diameter for low VF Schottky barrier rectifiers in SOD123F, SOD323 (SC-76), SOD523 (SC-79), SOD882, SOD882D and SOT23 packages.
 In addition the sawing lane width will be reduced by 10µm for some affected types affecting the die pitch size. No change of die design and active area.

Old products: Production using 6 inch wafer diameter with currently used sawing lane width.
 Changed products: Production using 6 and 8 inch wafer diameter with adapted sawing lane width for some affected types with 8 inch wafer diameter.

Production on 8 inch wafer diameter implies the use of the respective 8 inch wafer process technology.

Why do we Implement this Change

To increase flexibility and volume ramp-up.

Identification of Affected Products

The 8 inch products can be identified by a marker on the die surface.
 Changed products can be identified by date code after implementation.

Product Availability

Sample Information

Samples are available upon request

Latest sample request date for PCN samples is 08-Jul-2017

Production

Planned first shipment 25-Sep-2017

Impact

No impact to the products' functionality anticipated.

Disposition of Old Products

Supply using 6 inch wafer will be continued.

Timing and Logistics

Your acknowledgement of this change, conform JEDEC J-STD-046, is expected till 08-Jul-2017.

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact Nexperia "Global Quality Support Team".

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:

Name GA Customer Support

e-mail address DiscrQA.Helpdesk.GA-Products@nexperia.com

At Nexperia B.V we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards.

Nexperia Quality Management Team.

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About Nexperia B.V

We at Nexperia are the efficiency semiconductor company. We deliver over 70 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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Nexperia B.V.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
1PS79SB10,115	934054914115	1PS79SB10	Schottky diode	SOD523	SC-79	RFS	BL Bipolar Discretes
PMEG6002EB,115	934060004115	PMEG6002EB	SCHOTTKY DIODE	SOD523	SC-79	RFS	BL Bipolar Discretes
PMEG4010BEA,115	934057918115	PMEG4010BEA	Schottky diode	SOD323	SOD2	RFS	BL Bipolar Discretes
PMEG4010BEA,135	934057918135	PMEG4010BEA	Schottky diode	SOD323	SOD2	RFS	BL Bipolar Discretes
PMEG3010EH,115	934059031115	PMEG3010EH	SCHOTTKY DIODE	SOD123F	SOD2	RFS	BL Bipolar Discretes
PMEG6002ELDYL	934067662315	PMEG6002ELD	Schottky Diode	SOD882D	SOD2	RFS	BL Bipolar Discretes
BAT721A,215	934054928215	BAT721A	S.S. SCHOTTKY DIODES	SOT23	TO-236AB	RFS	BL Bipolar Discretes
1PS79SB31,115	934056795115	1PS79SB31	Schottky diode	SOD523	SC-79	RFS	BL Bipolar Discretes
PMEG2010BEA,115	934057916115	PMEG2010BEA	Schottky diode	SOD323	SOD2	RFS	BL Bipolar Discretes
PMEG3010BEA,135	934057917135	PMEG3010BEA	Schottky diode	SOD323	SOD2	RFS	BL Bipolar Discretes
RB521S30,115	934063955115	RB521S30	Schottky Diode	SOD523	SC-79	RFS	BL Bipolar Discretes
BAT760,115	934055715115	BAT760	Schottky diode	SOD323	SOD2	RFS	BL Bipolar Discretes
PMEG2010EA,115	934057100115	PMEG2010EA	Schottky diode	SOD323	SOD2	RFS	BL Bipolar Discretes
BAT54L,315	934057248315	BAT54L	Schottky diode	SOD882	SOD2	RFS	BL Bipolar Discretes
PMEG4010EJ,115	934058526115	PMEG4010EJ	Schottky diode	SOD323F	SOD2	RFS	BL Bipolar Discretes
PMEG4010EH,115	934059032115	PMEG4010EH	SCHOTTKY DIODE	SOD123F	SOD2	RFS	BL Bipolar Discretes
BAT54J,115	934060934115	BAT54J	SCHOTTKY DIODE	SOD323F	SOD2	RFS	BL Bipolar Discretes
BAT721,215	934051290215	BAT721	Schottky diode	SOT23	TO-236AB	RFS	BL Bipolar Discretes
PMEG4005AEA,115	934057752115	PMEG4005AEA	Schottky diode	SOD323	SOD2	RFS	BL Bipolar Discretes
PMEG3010BEA,115	934057917115	PMEG3010BEA	Schottky diode	SOD323	SOD2	RFS	BL Bipolar Discretes
PMEG2020EJ,115	934058256115	PMEG2020EJ	Schottky diode	SOD323F	SOD2	RFS	BL Bipolar Discretes
PMEG3005EJ,115	934059002115	PMEG3005EJ	SCHOTTKY DIODE	SOD323F	SOD2	RFS	BL Bipolar Discretes
PMEG2010AEJ,115	934059006115	PMEG2010AEJ	SCHOTTKY DIODE	SOD323F	SOD2	RFS	BL Bipolar Discretes
PMEG4005EH,115	934059025115	PMEG4005EH	SCHOTTKY DIODE	SOD123F	SOD2	RFS	BL Bipolar Discretes
1PS76SB21,115	934054922115	1PS76SB21	Schottky diode	SOD323	SOD2	RFS	BL Bipolar Discretes
BAT721S,215	934054930215	BAT721S	S.S. SCHOTTKY DIODES	SOT23	TO-236AB	RFS	BL Bipolar Discretes
PMEG3002AEB,115	934057098115	PMEG3002AEB	Schottky diode	SOD523	SC-79	RFS	BL Bipolar Discretes
PMEG2020AEA,115	934057933115	PMEG2020AEA	Schottky diode	SOD323	SOD2	RFS	BL Bipolar Discretes
BAT721C,215	934054929215	BAT721C	S.S. SCHOTTKY DIODES	SOT23	TO-236AB	RFS	BL Bipolar Discretes
PMEG4005EJ,115	934059003115	PMEG4005EJ	SCHOTTKY DIODE	SOD323F	SOD2	RFS	BL Bipolar Discretes
PMEG2020EH,115	934059026115	PMEG2020EH	Schottky diode	SOD123F	SOD2	RFS	BL Bipolar Discretes
PMEG3005AEA,115	934057751115	PMEG3005AEA	Schottky diode	SOD323	SOD2	RFS	BL Bipolar Discretes