

# Product/process change notification

PCN N° 2023-032-A

Dear customer,

Please find attached our Infineon Technologies AG PCN:

## Capacity extension for dedicated OptiMOS™ products in DirectFET (M) package for assembly location at Tijuana, Mexico

Important information for your attention:

- Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **2023-03-14**
- Infineon aligns with the widely recognized JEDEC STANDARD “**JESD46**“, which stipulates: **“Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.”**

Your prompt reply will help Infineon to assure a smooth and well-executed transition. If Infineon does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your attention and response to this matter is greatly appreciated.

#### Infineon Technologies AG

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# Product/process change notification

PCN N° 2023-032-A

► **Products affected**

Please refer to attached affected product list 1\_cip23032\_a

► **Detailed change information**

**Subject** Capacity extension for dedicated OptiMOS™ products in DirectFET (M) package for assembly location at Tijuana, Mexico.

**Reason** Extension of assembly sites for additional capacity to ensure continuity of supply and flexible manufacturing.

<b>Description</b>	<b><u>Old</u></b>	<b><u>New</u></b>
<b>Assembly &amp; Test Location</b>	<ul style="list-style-type: none"> <li>■ Infineon Technologies (Malaysia) Sdn.Bhd., Malaysia (MAL)</li> <li style="text-align: center;"><i>and</i></li> <li>■ Great Team Backend Foundry, Inc., China (GTBF)</li> </ul>	<ul style="list-style-type: none"> <li>■ Infineon Technologies (Malaysia) Sdn.Bhd., Malaysia (MAL)</li> <li style="text-align: center;"><i>and</i></li> <li>■ Great Team Backend Foundry, Inc., China (GTBF)</li> <li style="text-align: center;"><i>and</i></li> <li>■ Rectificadores Internacionales Tijuana, Mexico (TIJ)</li> </ul>
<b>Leadframe Brightness</b>	<ul style="list-style-type: none"> <li>■ 0.8 – 1.4 G.A.M (MAL)</li> <li style="text-align: center;"><i>and</i></li> <li>■ 0.6 – 0.7 G.A.M (GTBF)</li> </ul>	<ul style="list-style-type: none"> <li>■ 0.8 – 1.4 G.A.M (MAL)</li> <li style="text-align: center;"><i>and</i></li> <li>■ 0.6 – 0.7 G.A.M (GTBF, TIJ)</li> </ul>
<b>Package Nomenclature</b>	<ul style="list-style-type: none"> <li>■ MG-WDSON-2 (MAL)</li> <li style="text-align: center;"><i>and</i></li> <li>■ MG-WDSON-5 (GTBF)</li> </ul>	<ul style="list-style-type: none"> <li>■ MG-WDSON-2 (MAL)</li> <li style="text-align: center;"><i>and</i></li> <li>■ MG-WDSON-5 (GTBF, TIJ)</li> </ul>
<b>Packing Reel Size</b>	<ul style="list-style-type: none"> <li>■ 5kpcs (MAL &amp; GTBF)</li> </ul>	<ul style="list-style-type: none"> <li>■ 5kpcs (MAL &amp; GTBF)</li> <li style="text-align: center;"><i>and</i></li> <li>■ 4.8kpcs (TIJ)</li> </ul>

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<p>▶ <b>Product identification</b></p>	<p>External traceability is assured via marking on device, Country of Assembly on the barcode label and separate SP number / OPN (see attached 1_cip23032_a).</p>						
<p>▶ <b>Impact of change</b></p>	<p><b>NO</b> change on electrical, thermal parameters and reliability as proven via product qualification and characterization</p> <p><b>NO</b> change in existing datasheet parameters</p> <p><b>NO</b> change in quality and reliability. Processes are optimized to meet product performance according to already applied Infineon specification</p> <p><b>NO</b> change in the package outline dimensions</p>						
<p>▶ <b>Attachments</b></p>	<table border="0"> <tr> <td style="padding-right: 40px;">1_cip23032_a</td> <td>affected product list</td> </tr> <tr> <td>2_cip23032_a</td> <td>qualification report</td> </tr> </table>	1_cip23032_a	affected product list	2_cip23032_a	qualification report		
1_cip23032_a	affected product list						
2_cip23032_a	qualification report						
<p>▶ <b>Time schedule</b></p> <ul style="list-style-type: none"> <li>■ Final qualification report</li> <li>■ First samples available</li> <li>■ Intended start of delivery</li> </ul>	<table border="0"> <tr> <td style="padding-right: 20px;">Final qualification report</td> <td>available</td> </tr> <tr> <td>First samples available</td> <td>on request</td> </tr> <tr> <td>Intended start of delivery</td> <td>2023-05-01 (or earlier based on customer approval)</td> </tr> </table>	Final qualification report	available	First samples available	on request	Intended start of delivery	2023-05-01 (or earlier based on customer approval)
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First samples available	on request						
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If you have any questions, please do not hesitate to contact your local sales office.

## PCN 2023-032-A



Capacity extension for dedicated OptiMOS™ products in DirectFET™ (M) package for assembly location at Tijuana, Mexico

Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
BSB044N08NN3 G	SP000604542	BSB044N08NN3GXUM A1	MG-WDSO-2	BSB044N08NN3GXUMA1
BSB056N10NN3 G	SP000604540	BSB056N10NN3GXUM A1	MG-WDSO-2	BSB056N10NN3GXUMA1
BSB165N15NZ3 G	SP000617000	BSB165N15NZ3GXUM A1	MG-WDSO-2	BSB165N15NZ3GXUMA1