

Product/Process Change Notification

N° 2022-180-A

Dear customer,

please find attached our Infineon Technologies AG PCN:

Several changes affecting product family TRAVEO™ T2G CYT3BB/4BB

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 2023-02-26.
- 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.”
Notwithstanding the aforesaid individual agreements shall prevail.

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.

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Product/Process Change Notification

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Products affected

Please refer to attached affected product list PCN_2022-180-A_[customer-no].pdf

Detailed change information

Subject: Several changes affecting product family TRAVEO™ T2G CYT3BB/4BB

Reason/Motivation: Due to continuously raising demand for TRAVEO™ T2G CYT3BB/4BB Automotive Microcontroller exceeding the capacity in OSAT* partner ASE, we will be adding another partner, Amkor Technology Japan, Inc., (ATJ), Japan.
Expansion of OSAT to assure continuity of supply and enable flexible manufacturing
In parallel, we will be adding another Wafer test partner, Tera Probe, Inc., (TPJ), Kumamoto, Japan, for the same reasons

Description	<u>Old</u>	<u>New</u>
PROCESS - ASSEMBLY: Die attach material	TQFP - EME-G631H LFBGA - KE-G1250NAS	TQFP - EME-G631H LFBGA - KE-G1250NAS AND TQFP - EME-G660V LFBGA - MRG0020
PROCESS - ASSEMBLY: Change of mold compound / encapsulation material	TQFP - EN-4900F LFBGA - 2100A-ATV	TQFP - EN-4900F LFBGA - 2100A-ATV AND TQFP - EN-4600B LFBGA - EN-4392

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<p>PROCESS - ASSEMBLY: Change of product marking</p>	<p>TQFP old LFBGA old</p>	<p>TQFP old LFBGA old</p> <p>AND</p> <p>TQFP new: (1) Country of origin from TWN to JPN (2) Pin 1 identifier (3) Ejector mark</p> <p>LFBGA new: (1) Country of origin from TWN to JPN (2) Pin 1 identifier</p>
<p>PROCESS - ASSEMBLY: Change of direct material supplier</p>	<p>LFBGA: Henkel</p>	<p>LFBGA: Henkel</p> <p>AND</p> <p>Showa-Denko</p>

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PROCESS - ASSEMBLY: Move all or parts of production to a different assembly site.	Advanced Semiconductor Engineering, Inc., (ASE) Kaohsiung, Taiwan	Advanced Semiconductor Engineering, Inc., (ASE) Kaohsiung, Taiwan AND Amkor Technology Japan, Inc., (ATJ) Japan Hakodate: LFBGA-272 Fukuoka: TQFP-176, TQFP-144 Usuki: TQFP-100
PACKING/SHIPPING: Packing/shipping specification change	Old packing ASE	New packing ATJ
PACKING/SHIPPING: Change of carrier (tray, reel)	Old carrier ASE	New carrier ATJ
PACKING/SHIPPING: Change of labelling	Old label ASE	New label ATJ
TEST FLOW: Move of all or part of electrical wafer test and/or final test to a different test site.	Ardentec Corporation, (ADT) Hsinchu, Taiwan	Ardentec Corporation, (ADT) Hsinchu, Taiwan AND Tera Probe, Inc., (TPJ) Kumamoto, Japan

Product identification

SP number and ordering part number are different.

Anticipated impact of change

Based on the qualification performed, Infineon does not see any negative impact on quality, function and reliability. No change in fit and form.

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DeQuMa-ID(s): SEM-PA-07 / SEM-PA-11 / SEM-PA-13 / SEM-PA-16 / SEM-PA-18 / SEM-PS-01 / SEM-PS-03 / SEM-PS-04 / SEM-TF-01

Attachments

PCN_2022-180-A_[customer-no].pdf	affected product list
4_cip22180_A	SP List Overview

Time schedule

Final qualification report	available
First samples available	on request
Intended start of delivery [1]	2023-07-10
Last order date (LOD) [2]	2023-07-10
Last delivery date (LDD) [3]	2024-07-10

[1] Provided date or earlier after customer approval.

[2] Last date where orders for unchanged products will be accepted.

[3] Last date for delivery of unchanged products. Delivery of changed products can be earlier (see Intended start of delivery) and depends on approval.

If you have any questions, please do not hesitate to contact your local sales office.

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Affected products sold to DIGI-KEY (4002348)

Sales name	SP number	OPN	Package	Customer part number
CYT3BB8CEBQ0AESGS	SP005674379	CYT3BB8CEBQ0AESGS	PG-TQFP-176-804	428-CYT3BB8CEBQ0AESGS-ND