

Product/Process Change Notification

N° 2023-105-A

Dear customer,

please find attached our Infineon Technologies AG PCN:

Several changes affecting products TLE986x and TLE987x

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 2024-01-29.
- 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.

Infineon Technologies AG

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Chairman of the Supervisory Board Dr. Herbert Diess

Management Board Jochen Hanebeck (CEO), Elke Reichart, Dr. Sven Schneider, Andreas Urschitz, Dr. Rutger Wijburg

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Products affected

Please refer to attached affected product list PCN_2023-105-A_[customer-no].pdf

Detailed change information

Subject: Several changes affecting products TLE986x and TLE987x

Reason/Motivation: Infineon is extending manufacturing capabilities and will enable product families at external manufacturing partners to meet strongly increasing market demand.

Description	Old	New
DATA SHEET: Change of datasheet parameters/electrical specification (min./max./typ. values) and/or AC/DC specification	current data sheet rev. 2.0	new data sheet rev. 2.1
DESIGN: Design changes in active elements.	current design (United Microelectronics Corporation, Tainan, Taiwan)	current design (United Microelectronics Corporation, Tainan, Taiwan) AND new design (United Microelectronics Corporation, Tainan, Taiwan)
DESIGN: Design changes in routing .	current design (United Microelectronics Corporation, Tainan, Taiwan)	current design (United Microelectronics Corporation, Tainan, Taiwan) AND new design (United Microelectronics Corporation, Tainan, Taiwan)
DESIGN: Firmware modification	current firmware	current firmware AND new firmware

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User manual	Rev. 1.81	Rev. 1.9
BootROM user manual	Rev. 1.8	Rev. 1.9
Errata sheet	Rev. 1.4	Rev. 1.5. Former revision 1.4 is no longer valid.

Product identification

Traceability will be assured by different SP ordering number.

Anticipated impact of change

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

DeQuMa-ID(s): SEM-DS-01 / SEM-DE-01 / SEM-DE-02 / SEM-DE-04

Attachments

PCN_2023-105-A_[customer-no].pdf	affected product list
4_cip23105_A	myICP link to new user manual, BootROM user manual and errata sheet. Including comparison of SP number old/new.

Time schedule

Final qualification report	available, upon request
First samples available	available, upon request
Intended start of delivery [1]	2024-06-22
Last order date (LOD) [2]	2024-06-22
Last delivery date (LDD) [3]	2025-06-22

[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.