

Product/process change notification

PCN224305

Please find attached our Infineon Technologies AG PCN:

Introduction of an additional wafer production site at Cypress Semiconductor Corporation (Fab 25), Austin, USA for 1-Mbit industrial-grade serial Quad SPI (QSPI) nvSRAM products

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 **08 Dec 2022**
- 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 Technologies 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.



On 16 April 2020, Infineon acquired Cypress.
We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance.
For further details, please visit our website:
<https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

► **Products affected:** Please refer to attached affected product list [16]

► **Detailed change information:**

Subject: Introduction of an additional wafer production site at Cypress Semiconductor Corporation (Fab 25), Austin, USA for 1-Mbit industrial-grade serial Quad SPI (QSPI) nvSRAM products.

Reason: This qualification is a part of the flexible manufacturing initiative that allows Infineon to meet its delivery commitments to customers in dynamic and changing market conditions.

Description:	<u>Old</u>	<u>New</u>
	<ul style="list-style-type: none"> ■ SkyWater Technology, Minnesota, United States 	<ul style="list-style-type: none"> ■ SkyWater Technology, Minnesota, United States and ■ Cypress Semiconductor Corporation (Fab 25), Austin, USA
<ul style="list-style-type: none"> ■ AI BEOL process 	<ul style="list-style-type: none"> ■ SkyWater: AI BEOL process and ■ Fab 25: Cu BEOL process 	

► **Product identification:** Infineon maintains traceability of product to wafer level, including wafer fabrication location through the lot number marked on the package.

► **Impact of change:** Products manufactured at Fab 25 are completely compatible with existing product from a form, fit, functional, parametric, and quality performance perspectives. Infineon also recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess impact (if any) to their application.

► **Attachments:** Affected product list [16]
Supporting document Qualification report QTP# 202042008

► **Time schedule:**

■ Final qualification report:	available
■ First samples available:	2022-10-31
■ Intended start of delivery:	2023-01-31

[PRODUCT CHANGE NOTIFICATION] N° [PCN224305]

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Item	Marketing Part Number	Family	Sample Order Part Number	Sample Availability
1	CY14V101PS-SF108XI	NVSRAM	CY14V101PS7-SF108XI	Available
2	CY14V101PS-SF108XIT	NVSRAM	CY14V101PS7-SF108XI	Available
3	CY14V101QS-BK108XI	NVSRAM	CY14V101QS7-BK108XI	Available
4	CY14V101QS-BK108XIT	NVSRAM	CY14V101QS7-BK108XI	Available
5	CY14V101QS-SE108XI	NVSRAM	CY14V101QS7-SE108XI	Available
6	CY14V101QS-SE108XIT	NVSRAM	CY14V101QS7-SE108XI	Available
7	CY14V101QS-SF108XI	NVSRAM	CY14V101QS7-SF108XI	Available
8	CY14V101QS-SF108XIT	NVSRAM	CY14V101QS7-SF108XI	Available
9	CY14V101QS-SF108XQ	NVSRAM	CY14V101QS7-SF108XQ	Available
10	CY14V101QS-SF108XQT	NVSRAM	CY14V101QS7-SF108XQ	Available
11	CY14V101QS-BK108XQ	NVSRAM	CY14V101QS7-BK108XQ	Available
12	CY14V101QS-BK108XQT	NVSRAM	CY14V101QS7-BK108XQ	Available
13	CY14V101QS-SE108XQ	NVSRAM	CY14V101QS7-SE108XQ	Available
14	CY14V101QS-SE108XQT	NVSRAM	CY14V101QS7-SE108XQ	Available
15	CG9082AA	NVSRAM	CY14V101QS7-SE108XI	Subject to lead time
16	CG9082AAT	NVSRAM	CY14V101QS7-SE108XI	Subject to lead time