

Product/process change notification

PCN213701

Please find attached our Infineon Technologies AG PCN:

Introduction of an additional wafer production site at HHGrace Semiconductor Manufacturing Corporation Fab 3, Shanghai, China for PSoC® 4100 and PSoC® 4200 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 **27 Oct 2021**
- 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 [53]

► **Detailed change information:**

Subject: Introduction of an additional wafer production site at HHGrace Semiconductor Manufacturing Corporation Fab 3, Shanghai, China for PSoC® 4100 and PSoC® 4200 products.

Reason: Expansion of wafer production to assure continuity of supply and enable flexible manufacturing.

Description:	<u>Old</u>	<u>New</u>
	<ul style="list-style-type: none"> ■ Wafer Fab Sites: Cypress Semiconductor Corporation (Fab 25) Austin, USA and SkyWater Technology, Minnesota, USA 	<ul style="list-style-type: none"> ■ Wafer Fab Sites: Cypress Semiconductor Corporation (Fab 25) Austin, USA and SkyWater Technology, Minnesota, USA and HHGrace Semiconductor Manufacturing Corporation Fab 3, Shanghai, China

► **Product identification:** Traceability of product to wafer fabrication through the lot number marked on the package.

► **Impact of change:** No impact on electrical performance. Quality and Reliability verified by qualification. There is no change in form, fit and function.

► **Attachments:** Affected product list [53]
Supporting Documents

► **Time schedule:**

■ Final qualification report:	available
■ First samples available:	on request
■ Intended start of delivery:	2021-12-31

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

[Product Change Notification] N° [PCN213701]

Introduction of an additional wafer production site at HHGrace Semiconductor Manufacturing Corporation Fab 3, Shanghai, China for PSoC® 4100 and PSoC® 4200 products



Item	Marketing Part Number	Family	Sample Order Part Number	Sample Availability
1	CY8C4124AXI-443	PSOC 4100	CY8C4124AXI5-443	Available
2	CY8C4124AXI-443T	PSOC 4100	CY8C4124AXI5-443	Subject to lead time
3	CY8C4124AXQ-443	PSOC 4100	CY8C4124AXQ5-443	Subject to lead time
4	CY8C4124AZI-443	PSOC 4100	CY8C4124AZI5-443	Available
5	CY8C4124LQI-443	PSOC 4100	CY8C4124LQI5-443	Available
6	CY8C4124LQI-443T	PSOC 4100	CY8C4124LQI5-443	Subject to lead time
7	CY8C4124LQQ-443	PSOC 4100	CY8C4124LQQ5-443	Subject to lead time
8	CY8C4124PVI-432	PSOC 4100	CY8C4124PVI5-432	Subject to lead time
9	CY8C4124PVI-432T	PSOC 4100	CY8C4124PVI5-432	Subject to lead time
10	CY8C4124PVI-442	PSOC 4100	CY8C4124PVI5-442	Available
11	CY8C4124PVI-442T	PSOC 4100	CY8C4124PVI5-442	Subject to lead time
12	CY8C4124PVQ-432	PSOC 4100	CY8C4124PVQ5-432	Subject to lead time
13	CY8C4124PVQ-442	PSOC 4100	CY8C4124PVQ5-442	Subject to lead time
14	CY8C4125AXI-473	PSOC 4100	CY8C4125AXI5-473	Subject to lead time
15	CY8C4125AXI-483	PSOC 4100	CY8C4125AXI5-483	Available
16	CY8C4125AXI-483T	PSOC 4100	CY8C4125AXI5-483	Subject to lead time
17	CY8C4125AXQ-473	PSOC 4100	CY8C4125AXQ5-473	Subject to lead time
18	CY8C4125AXQ-483	PSOC 4100	CY8C4125AXQ5-483	Subject to lead time
19	CY8C4125AZI-473	PSOC 4100	CY8C4125AZI5-473	Subject to lead time
20	CY8C4125AZI-483	PSOC 4100	CY8C4125AZI5-483	Subject to lead time
21	CY8C4125LQI-483	PSOC 4100	CY8C4125LQI5-483	Available
22	CY8C4125LQI-483T	PSOC 4100	CY8C4125LQI5-483	Subject to lead time
23	CY8C4125LQQ-483	PSOC 4100	CY8C4125LQQ5-483	Subject to lead time
24	CY8C4125PVI-482	PSOC 4100	CY8C4125PVI5-482	Available
25	CY8C4125PVI-482T	PSOC 4100	CY8C4125PVI5-482	Subject to lead time
26	CY8C4125PVQ-482	PSOC 4100	CY8C4125PVQ5-482	Subject to lead time
27	CY8C4244AXQ-443	PSOC 4200	CY8C4244AXQ5-443	Subject to lead time
28	CY8C4244AZI-443	PSOC 4200	CY8C4244AZI5-443	Subject to lead time
29	CY8C4244LQI-443	PSOC 4200	CY8C4244LQI5-443	Subject to lead time
30	CY8C4244LQQ-443	PSOC 4200	CY8C4244LQQ5-443	Subject to lead time
31	CY8C4244PVI-442	PSOC 4200	CY8C4244PVI5-442	Subject to lead time
32	CY8C4244PVQ-432	PSOC 4200	CY8C4244PVQ5-432	Subject to lead time
33	CY8C4244PVQ-442	PSOC 4200	CY8C4244PVQ5-442	Subject to lead time
34	CY8C4245AXI-473	PSOC 4200	CY8C4245AXI5-473	Available
35	CY8C4245AXI-483	PSOC 4200	CY8C4245AXI5-483	Available
36	CY8C4245AXQ-473	PSOC 4200	CY8C4245AXQ5-473	Subject to lead time

37	CY8C4245AXQ-483	PSOC 4200	CY8C4245AXQ5-483	Subject to lead time
38	CY8C4245AZI-473	PSOC 4200	CY8C4245AZI5-473	Subject to lead time
39	CY8C4245AZI-483	PSOC 4200	CY8C4245AZI5-483	Subject to lead time
40	CY8C4245LQI-483	PSOC 4200	CY8C4245LQI5-483	Subject to lead time
41	CY8C4245LQI-483T	PSOC 4200	CY8C4245LQI5-483	Subject to lead time
42	CY8C4245LQQ-483	PSOC 4200	CY8C4245LQQ5-483	Subject to lead time
43	CY8C4245PVI-482	PSOC 4200	CY8C4245PVI5-482	Subject to lead time
44	CG10069AM	PSOC 4200	CG10069ZM	Subject to lead time
45	CG8349AT	PSOC 4200	CG8349ZT	Available
46	CG8349ATT	PSOC 4200	CG8349ZT	Subject to lead time
47	CG8660AM	PSOC 4200	CG8660ZM	Available
48	CP8570AT	PSOC 4200	CP8570ZT	Subject to lead time
49	CP8570ATT	PSOC 4200	CP8570ZT	Subject to lead time
50	CP9029AT	PSOC 4200	CP9029ZT	Subject to lead time
51	CP9029ATT	PSOC 4200	CP9029ZT	Subject to lead time
52	CS8590AM	PSOC 4100	CS8590ZM	Subject to lead time
53	CS8590AMT	PSOC 4100	CS8590ZM	Subject to lead time