

Product/process change notification

PCN222601

Please find attached our Infineon Technologies AG PCN:

Introduction of an additional wafer production site at United Microelectronics Corporation (Fab 12I), Singapore, Singapore for PSoC™ 4100S 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 **11 Aug 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 [82]

► **Detailed change information:**

Subject: Introduction of an additional wafer production site at United Microelectronics Corporation (Fab 12I), Singapore, Singapore for PSoC™ 4100S 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"> ■ Cypress Semiconductor Corporation (Fab 25) Austin, USA 	<ul style="list-style-type: none"> ■ Cypress Semiconductor Corporation (Fab 25) Austin, USA and ■ United Microelectronics Corporation (Fab 12I), Singapore, Singapore

► **Product identification:** Traceability of product to wafer level, including wafer fabrication location, 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 [82]
Supporting document

► **Time schedule:**

■ Final qualification report:	available
■ First samples available:	on request
■ Intended start of delivery:	2022-08-11

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

[Product Change Notification] N° [PCN222601]

Introduction of an additional wafer production site at United Microelectronics Corporation (Fab 12I), Singapore, Singapore for PSoC™ 4100S products



Item	Marketing Part Number	Family	Sample Order Part Number	Sample Availability
1	CY8C4124AZI-S413	PSoC 4100S	CY8C4124AZI9-S413	Subject to lead time
2	CY8C4124AZI-S413T	PSoC 4100S	CY8C4124AZI9-S413T	Subject to lead time
3	CY8C4124AZI-S433	PSoC 4100S	CY8C4124AZI9-S433	Subject to lead time
4	CY8C4124AZI-S433T	PSoC 4100S	CY8C4124AZI9-S433T	Subject to lead time
5	CY8C4124FNI-S403T	PSoC 4100S	CY8C4124FNI9-S403T	Subject to lead time
6	CY8C4124FNI-S413T	PSoC 4100S	CY8C4124FNI9-S413T	Subject to lead time
7	CY8C4124FNI-S433T	PSoC 4100S	CY8C4124FNI9-S433T	Subject to lead time
8	CY8C4124LQI-S412	PSoC 4100S	CY8C4124LQI9-S412	Subject to lead time
9	CY8C4124LQI-S412T	PSoC 4100S	CY8C4124LQI9-S412T	Subject to lead time
10	CY8C4124LQI-S413	PSoC 4100S	CY8C4124LQI9-S413	Subject to lead time
11	CY8C4124LQI-S413T	PSoC 4100S	CY8C4124LQI9-S413T	Subject to lead time
12	CY8C4124LQI-S432	PSoC 4100S	CY8C4124LQI9-S432	Available
13	CY8C4124LQI-S432T	PSoC 4100S	CY8C4124LQI9-S432T	Subject to lead time
14	CY8C4124LQI-S433	PSoC 4100S	CY8C4124LQI9-S433	Subject to lead time
15	CY8C4124LQI-S433T	PSoC 4100S	CY8C4124LQI9-S433T	Subject to lead time
16	CY8C4125AXI-S423	PSoC 4100S	CY8C4125AXI9-S423	Subject to lead time
17	CY8C4125AXI-S433	PSoC 4100S	CY8C4125AXI9-S433	Available
18	CY8C4125AZI-S413	PSoC 4100S	CY8C4125AZI9-S413	Subject to lead time
19	CY8C4125AZI-S413T	PSoC 4100S	CY8C4125AZI9-S413T	Subject to lead time
20	CY8C4125AZI-S423	PSoC 4100S	CY8C4125AZI9-S423	Subject to lead time
21	CY8C4125AZI-S423T	PSoC 4100S	CY8C4125AZI9-S423T	Subject to lead time
22	CY8C4125AZI-S433	PSoC 4100S	CY8C4125AZI9-S433	Subject to lead time
23	CY8C4125AZI-S433T	PSoC 4100S	CY8C4125AZI9-S433T	Subject to lead time
24	CY8C4125AZQ-S433	PSoC 4100S	CY8C4125AZQ9-S433	Subject to lead time
25	CY8C4125FNI-S413T	PSoC 4100S	CY8C4125FNI9-S413T	Available
26	CY8C4125FNI-S423T	PSoC 4100S	CY8C4125FNI9-S423T	Subject to lead time
27	CY8C4125FNI-S433T	PSoC 4100S	CY8C4125FNI9-S433T	Subject to lead time
28	CY8C4125LQI-S412	PSoC 4100S	CY8C4125LQI9-S412	Subject to lead time
29	CY8C4125LQI-S412T	PSoC 4100S	CY8C4125LQI9-S412T	Subject to lead time
30	CY8C4125LQI-S413	PSoC 4100S	CY8C4125LQI9-S413	Subject to lead time
31	CY8C4125LQI-S413T	PSoC 4100S	CY8C4125LQI9-S413T	Subject to lead time
32	CY8C4125LQI-S422	PSoC 4100S	CY8C4125LQI9-S422	Subject to lead time
33	CY8C4125LQI-S422T	PSoC 4100S	CY8C4125LQI9-S422T	Subject to lead time
34	CY8C4125LQI-S423	PSoC 4100S	CY8C4125LQI9-S423	Subject to lead time
35	CY8C4125LQI-S423T	PSoC 4100S	CY8C4125LQI9-S423	Available
36	CY8C4125LQI-S432	PSoC 4100S	CY8C4125LQI9-S432	Subject to lead time
37	CY8C4125LQI-S432T	PSoC 4100S	CY8C4125LQI9-S432T	Subject to lead time
38	CY8C4125LQI-S433	PSoC 4100S	CY8C4125LQI9-S433	Subject to lead time
39	CY8C4125LQI-S433T	PSoC 4100S	CY8C4125LQI9-S433T	Subject to lead time

40	CY8C4125LQQ-S432	PSoC 4100S	CY8C4125LQQ9-S432	Subject to lead time
41	CY8C4126AXI-S423	PSoC 4100S	CY8C4126AXI9-S423	Subject to lead time
42	CY8C4126AXI-S433	PSoC 4100S	CY8C4126AXI9-S433	Subject to lead time
43	CY8C4126AXQ-S433	PSoC 4100S	CY8C4126AXQ9-S433	Subject to lead time
44	CY8C4126AZI-S423	PSoC 4100S	CY8C4126AZI9-S423	Available
45	CY8C4126AZI-S423T	PSoC 4100S	CY8C4126AZI9-S423T	Subject to lead time
46	CY8C4126AZI-S433	PSoC 4100S	CY8C4126AZI9-S433	Subject to lead time
47	CY8C4126AZI-S433T	PSoC 4100S	CY8C4126AZI9-S433T	Subject to lead time
48	CY8C4126AZQ-S423	PSoC 4100S	CY8C4126AZQ9-S423	Subject to lead time
49	CY8C4126AZQ-S433	PSoC 4100S	CY8C4126AZQ9-S433	Subject to lead time
50	CY8C4145AXI-S423	PSoC 4100S	CY8C4145AXI9-S423	Subject to lead time
51	CY8C4145AXI-S433	PSoC 4100S	CY8C4145AXI9-S433	Subject to lead time
52	CY8C4145AXQ-S433	PSoC 4100S	CY8C4145AXQ9-S433	Subject to lead time
53	CY8C4145AZI-S423	PSoC 4100S	CY8C4145AZI9-S423	Subject to lead time
54	CY8C4145AZI-S423T	PSoC 4100S	CY8C4145AZI9-S423T	Subject to lead time
55	CY8C4145AZQ-S433	PSoC 4100S	CY8C4145AZQ9-S433	Subject to lead time
56	CY8C4146AXI-S423	PSoC 4100S	CY8C4146AXI9-S423	Subject to lead time
57	CY8C4146AXI-S433	PSoC 4100S	CY8C4146AXI9-S433	Subject to lead time
58	CY8C4146AXQ-S423	PSoC 4100S	CY8C4146AXQ9-S423	Subject to lead time
59	CY8C4146AXQ-S433	PSoC 4100S	CY8C4146AXQ9-S433	Subject to lead time
60	CY8C4146AZI-S423	PSoC 4100S	CY8C4146AZI9-S423	Available
61	CY8C4146AZI-S423T	PSoC 4100S	CY8C4146AZI9-S423T	Subject to lead time
62	CY8C4146AZI-S433	PSoC 4100S	CY8C4146AZI9-S433	Subject to lead time
63	CY8C4146AZI-S433T	PSoC 4100S	CY8C4146AZI9-S433	Available
64	CY8C4146AZQ-S423	PSoC 4100S	CY8C4146AZQ9-S423	Subject to lead time
65	CY8C4146AZQ-S433	PSoC 4100S	CY8C4146AZQ9-S433	Subject to lead time
66	CY8C4146FNI-S423T	PSoC 4100S	CY8C4146FNI9-S423T	Subject to lead time
67	CY8C4146FNI-S433T	PSoC 4100S	CY8C4146FNI9-S433T	Subject to lead time
68	CY8C4146FNI-S443T	PSoC 4100S	CY8C4146FNI9-S443T	Subject to lead time
69	CY8C4146LQI-S422	PSoC 4100S	CY8C4146LQI9-S422	Subject to lead time
70	CY8C4146LQI-S422T	PSoC 4100S	CY8C4146LQI9-S422T	Subject to lead time
71	CY8C4146LQI-S423	PSoC 4100S	CY8C4146LQI9-S423	Subject to lead time
72	CY8C4146LQI-S423T	PSoC 4100S	CY8C4146LQI9-S423T	Available
73	CY8C4146LQI-S432	PSoC 4100S	CY8C4146LQI9-S432	Subject to lead time
74	CY8C4146LQI-S432T	PSoC 4100S	CY8C4146LQI9-S432T	Subject to lead time
75	CY8C4146LQI-S433	PSoC 4100S	CY8C4146LQI9-S433	Subject to lead time
76	CY8C4146LQI-S433T	PSoC 4100S	CY8C4146LQI9-S433T	Subject to lead time
77	CY8C4146LQQ-S422	PSoC 4100S	CY8C4146LQQ9-S422	Subject to lead time
78	CY8C4146LQQ-S432	PSoC 4100S	CY8C4146LQQ9-S432	Subject to lead time
79	CY8C4146WI-S423	PSoC 4100S	CY8C4146WI9-S423	Subject to lead time
80	CG8784AM	PSoC 4100S	CG8784ZM	Subject to lead time
81	CG8784AMT	PSoC 4100S	CG8784ZMT	Subject to lead time
82	CP10160ATT	PSoC 4100S	CP10160ZTT	Subject to lead time