

Product/process change notification

PCN221402

Please find attached our Infineon Technologies AG PCN:

Introduction of an additional wafer production site at United Microelectronics Corporation Fab12I, Singapore, Singapore for PSoC™ 4100S Plus 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 **17 May 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 [55]

► **Detailed change information:**

Subject: Introduction of an additional wafer production site at United Microelectronics Corporation Fab12I, Singapore, Singapore for PSoC™ 4100S Plus 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 Fab12I, Singapore, Singapore

► **Product identification:** No change in marketing part number.
PCN samples built included a “9” before the dash in the actual marking.

► **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 [55]
Supporting documents

► **Time schedule:**

■ Final qualification report:	available
■ First samples available:	on request
■ Intended start of delivery:	2022-04-06

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

[Product Change Notification] N° [PCN221402]

Introduction of an additional wafer production site at UMC Fab 12I Singapore for PSoC™
4100S Plus Product



Item	Marketing Part Number	Family	Sample Order Part Number	Sample Availability
1	CY8C4126AXI-S443	PSoC 4100S Plus	CY8C4126AXI9-S443	Subject to lead time
2	CY8C4126AXI-S445	PSoC 4100S Plus	CY8C4126AXI9-S445	Subject to lead time
3	CY8C4126AXI-S453	PSoC 4100S Plus	CY8C4126AXI9-S453	Subject to lead time
4	CY8C4126AXI-S455	PSoC 4100S Plus	CY8C4126AXI9-S455	Available
5	CY8C4126AZI-S445	PSoC 4100S Plus	CY8C4126AZI9-S445	Subject to lead time
6	CY8C4126AZI-S455	PSoC 4100S Plus	CY8C4126AZI9-S455	Subject to lead time
7	CY8C4127AXI-S443	PSoC 4100S Plus	CY8C4127AXI9-S443	Subject to lead time
8	CY8C4127AXI-S445	PSoC 4100S Plus	CY8C4127AXI9-S445	Subject to lead time
9	CY8C4127AXI-S453	PSoC 4100S Plus	CY8C4127AXI9-S453	Subject to lead time
10	CY8C4127AXI-S455	PSoC 4100S Plus	CY8C4127AXI9-S455	Subject to lead time
11	CY8C4127AZI-S443	PSoC 4100S Plus	CY8C4127AZI9-S443	Subject to lead time
12	CY8C4127AZI-S445	PSoC 4100S Plus	CY8C4127AZI9-S445	Available
13	CY8C4127AZI-S453	PSoC 4100S Plus	CY8C4127AZI9-S453	Subject to lead time
14	CY8C4127AZI-S455	PSoC 4100S Plus	CY8C4127AZI9-S455	Available
15	CY8C4127AZQ-S445	PSoC 4100S Plus	CY8C4127AZQ9-S445	Subject to lead time
16	CY8C4127AZQ-S455	PSoC 4100S Plus	CY8C4127AZQ9-S455	Subject to lead time
17	CY8C4146AXI-S443	PSoC 4100S Plus	CY8C4146AXI9-S443	Available
18	CY8C4146AXI-S445	PSoC 4100S Plus	CY8C4146AXI9-S445	Subject to lead time
19	CY8C4146AXI-S453	PSoC 4100S Plus	CY8C4146AXI9-S453	Subject to lead time
20	CY8C4146AXI-S455	PSoC 4100S Plus	CY8C4146AXI9-S455	Subject to lead time
21	CY8C4146AZI-S443	PSoC 4100S Plus	CY8C4146AZI9-S443	Subject to lead time
22	CY8C4146AZI-S443T	PSoC 4100S Plus	CY8C4146AZI9-S443T	Subject to lead time
23	CY8C4146AZI-S445	PSoC 4100S Plus	CY8C4146AZI9-S445	Available
24	CY8C4146AZI-S453	PSoC 4100S Plus	CY8C4146AZI9-S453	Subject to lead time
25	CY8C4146AZI-S455	PSoC 4100S Plus	CY8C4146AZI9-S455	Subject to lead time
26	CY8C4146AZI-S463	PSoC 4100S Plus	CY8C4146AZI9-S463	Subject to lead time
27	CY8C4146AZQ-S445	PSoC 4100S Plus	CY8C4146AZQ9-S445	Subject to lead time
28	CY8C4146AZQ-S455	PSoC 4100S Plus	CY8C4146AZQ9-S455	Subject to lead time
29	CY8C4147AXI-S443	PSoC 4100S Plus	CY8C4147AXI9-S443	Subject to lead time
30	CY8C4147AXI-S445	PSoC 4100S Plus	CY8C4147AXI9-S445	Subject to lead time
31	CY8C4147AXI-S453	PSoC 4100S Plus	CY8C4147AXI9-S453	Available
32	CY8C4147AXI-S455	PSoC 4100S Plus	CY8C4147AXI9-S455	Subject to lead time
33	CY8C4147AXI-S465	PSoC 4100S Plus	CY8C4147AXI9-S465	Subject to lead time
34	CY8C4147AXI-S475	PSoC 4100S Plus	CY8C4147AXI9-S475	Subject to lead time
35	CY8C4147AZI-S443	PSoC 4100S Plus	CY8C4147AZI9-S443	Subject to lead time
36	CY8C4147AZI-S445	PSoC 4100S Plus	CY8C4147AZI9-S445	Subject to lead time
37	CY8C4147AZI-S453	PSoC 4100S Plus	CY8C4147AZI9-S453	Subject to lead time
38	CY8C4147AZI-S453T	PSoC 4100S Plus	CY8C4147AZI9-S453T	Subject to lead time
39	CY8C4147AZI-S455	PSoC 4100S Plus	CY8C4147AZI9-S455	Subject to lead time

40	CY8C4147AZI-S463	PSoC 4100S Plus	CY8C4147AZI9-S463	Subject to lead time
41	CY8C4147AZI-S465	PSoC 4100S Plus	CY8C4147AZI9-S465	Subject to lead time
42	CY8C4147AZI-S475	PSoC 4100S Plus	CY8C4147AZI9-S475	Subject to lead time
43	CY8C4147AZQ-S445	PSoC 4100S Plus	CY8C4147AZQ9-S445	Subject to lead time
44	CY8C4147AZQ-S455	PSoC 4100S Plus	CY8C4147AZQ9-S455	Subject to lead time
45	CY8C4147AZQ-S465	PSoC 4100S Plus	CY8C4147AZQ9-S465	Subject to lead time
46	CY8C4147AZQ-S475	PSoC 4100S Plus	CY8C4147AZQ9-S475	Subject to lead time
47	CY8C4147WI-S445	PSoC 4100S Plus	CY8C4147WI9-S445	Subject to lead time
48	CY8C4147WI-S455	PSoC 4100S Plus	CY8C4147WI9-S455	Subject to lead time
49	CY8C4547AZI-445	PSoC 4100S Plus	CY8C4547AZI9-445	Subject to lead time
50	CG10117AT	PSoC 4100S Plus	CG10117ZT	Subject to lead time
51	CG9030AT	PSoC 4100S Plus	CG9030ZT	Subject to lead time
52	CG9031AT	PSoC 4100S Plus	CG9031ZT	Subject to lead time
53	CG9114AT	PSoC 4100S Plus	CG9114ZT	Subject to lead time
54	CP10225AT	PSoC 4100S Plus	CP10225ZT	Subject to lead time
55	CP10225ATT	PSoC 4100S Plus	CP10225ZT	Subject to lead time