

Product/process change notification

PCN220801

Please find attached our Infineon Technologies AG PCN:

Change of backend of line (BEOL) metallization for Automotive PSoC® 4000 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 **05 Apr 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 [29]

► **Detailed change information:**

Subject: Change of backend of line (BEOL) metallization for Automotive PSoC® 4000 products.

Reason: Flexible manufacturing initiative.

Description:	<u>Old</u>	<u>New</u>
	<ul style="list-style-type: none"> ■ Aluminum (Al) Backend of Line (BEOL) Metallization 	<ul style="list-style-type: none"> ■ Copper (Cu) Backend of Line (BEOL) Metallization

► **Product identification:** IFX maintains 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 [29]
Supporting documents

► **Time schedule:**

- Final qualification report: available
- First samples available: on request
- Intended start of delivery: 2022-07-21 or upon customer approval

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

[Product Change Notification] N° [PCN220801]

Change of backend of line (BEOL) metallization for Automotive PSoC® 4000 products



Item	Marketing Part Number	Family	Sample Order Part Number	Sample Availability
1	28502068 C	AUTO PSOC 4000	28502068CY	Subject to lead time
2	3044478A	AUTO PSOC 4000	3044478AY	Available
3	M3207-000284	AUTO PSOC 4000	M3207-000284Y	Available
4	P760669DFM0000	AUTO PSOC 4000	P760669DFM0000Y	Subject to lead time
5	P760669D-FM0000	AUTO PSOC 4000	P760669D-FM0000Y	Subject to lead time
6	CY8C4014LQA-422Z	AUTO PSOC 4000	CY8C4014LQA7-422Z	Available
7	CY8C4014LQA-422ZT	AUTO PSOC 4000	CY8C4014LQA7-422ZT	Subject to lead time
8	CY8C4014LQE-422Z	AUTO PSOC 4000	CY8C4014LQE7-422Z	Available
9	CY8C4014LQE-422ZT	AUTO PSOC 4000	CY8C4014LQE7-422ZT	Subject to lead time
10	CY8C4014LQS-422Z	AUTO PSOC 4000	CY8C4014LQS7-422Z	Available
11	CY8C4014LQS-422ZT	AUTO PSOC 4000	CY8C4014LQS7-422ZT	Subject to lead time
12	CY8C4014SXA-421Z	AUTO PSOC 4000	CY8C4014SXA7-421Z	Subject to lead time
13	CY8C4014SXA-421ZT	AUTO PSOC 4000	CY8C4014SXA7-421ZT	Subject to lead time
14	CY8C4014SXS-421Z	AUTO PSOC 4000	CY8C4014SXS7-421Z	Available
15	CY8C4014SXS-421ZT	AUTO PSOC 4000	CY8C4014SXS7-421ZT	Subject to lead time
16	CG9107AM	AUTO PSOC 4000	CG9107YM	Subject to lead time
17	CG9107AMT	AUTO PSOC 4000	CG9107YMT	Subject to lead time
18	CP8710BT	AUTO PSOC 4000	CP8710YT	Subject to lead time
19	CP8710BTT	AUTO PSOC 4000	CP8710YTT	Subject to lead time
20	CP8812AT	AUTO PSOC 4000	CP8812YT	Subject to lead time
21	CP8812ATT	AUTO PSOC 4000	CP8812YTT	Subject to lead time
22	CP8840AT	AUTO PSOC 4000	CP8840YT	Subject to lead time
23	CP8840ATT	AUTO PSOC 4000	CP8840YTT	Subject to lead time
24	CP8841AT	AUTO PSOC 4000	CP8841YT	Subject to lead time
25	CP8841ATT	AUTO PSOC 4000	CP8841YTT	Subject to lead time
26	CP8917AT	AUTO PSOC 4000	CP8917YT	Subject to lead time
27	CP8917ATT	AUTO PSOC 4000	CP8917YTT	Subject to lead time
28	CS8391ZT	AUTO PSOC 4000	CS8391YZT	Subject to lead time
29	CS8391ZTT	AUTO PSOC 4000	CS8391YZTT	Subject to lead time