

# Product/process change notification

**PCN213205**

Please find attached our Infineon Technologies AG PCN:

## Introduction of an additional assembly production at Greatek Electronics Inc. Zhunan, Taiwan for select 48-Lead QFN 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 **23 Sep 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 [18]

► **Detailed change information:**

**Subject:** Introduction of an additional assembly production at Greatek Electronics Inc. Zhunan, Taiwan for select 48-Lead QFN products

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

<b>Description:</b>	<b><u>Old</u></b>	<b><u>New</u></b>
	Product: Type-C <ul style="list-style-type: none"> <li>■ Advanced Semiconductor Engineering, Inc., Kaohsiung, Taiwan</li> </ul>	Product: Type-C <ul style="list-style-type: none"> <li>■ Greatek Electronics Inc. Zhunan, Taiwan and</li> <li>■ Advanced Semiconductor Engineering, Inc., Kaohsiung, Taiwan</li> </ul>
	Product: PSoC: <ul style="list-style-type: none"> <li>■ Cypress Manufacturing Ltd. Philippine Branch, General Trias, Philippines and</li> <li>■ Advanced Semiconductor Engineering, Inc., Kaohsiung, Taiwan</li> </ul>	Product: PSoC <ul style="list-style-type: none"> <li>■ Cypress Manufacturing Ltd. Philippine Branch, General Trias, Philippines and</li> <li>■ Advanced Semiconductor Engineering, Inc., Kaohsiung, Taiwan and</li> <li>■ Greatek Electronics Inc. Zhunan, Taiwan</li> </ul>
	<ul style="list-style-type: none"> <li>■ Die Attach material: Type-C: NEX-130CTX/CRM-1191A</li> </ul> PSoC: EN4900F/QMI-519/CRM-1577-E	<ul style="list-style-type: none"> <li>■ Die Attach material: Type-C: NEX-130CTX/CRM-1191A and EM430/CRM-1151A</li> </ul> PSoC: EN4900F/QMI-519/CRM-1577-E and EM430
	<ul style="list-style-type: none"> <li>■ Mold Compound: Type-C: G700LA</li> </ul> PSoC: G631H/GE7470LA/KE-G3000N-AS	<ul style="list-style-type: none"> <li>■ Mold Compound Type-C: G700LA and G700H</li> </ul> PSoC: G631H/GE7470LA/KE-G3000N-AS and G700H
	<ul style="list-style-type: none"> <li>■ Plating: Type-C: Pure Sn</li> </ul> PSoC: NiPdAu	<ul style="list-style-type: none"> <li>■ Plating: Type-C: Pure Sn</li> </ul> PSoC: NiPdAu and Pure Sn

- ▶ **Product identification:** Traceability of product to assembly site through the lot number marked on the package.
  
- ▶ **Impact of change:** Based on the qualification performed, Infineon does not see any negative impact on quality, function and reliability. No change in fit and form (except reduction of e.g. wire diameter; if applicable).
  
- ▶ **Attachments:** Affected product list [18]  
Supporting documents
  
- ▶ **Time schedule:**
  - Final qualification report: Available
  - First samples available: On request
  - Intended start of delivery: 2021-11-15

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

**[Product Change Notification] N° [PCN213205]**

Introduction of an additional assembly production at Greatek Electronics Inc. Zhunan,  
Taiwan for select 48-Lead QFN products



Item	Marketing Part Number	Family	Sample Order Part Number	Sample Availability
1	CY8C20636A-24LQXI	PSOC	CY8C20636A-24LQXIKT	Subject to lead time
2	CY8C20636A-24LQXIT	PSOC	CY8C20636A-24LQXIKT	Subject to lead time
3	CY8C20637-24LQXI	PSOC	CY8C20637-24LQXIKT	Subject to lead time
4	CY8C20637-24LQXIT	PSOC	CY8C20637-24LQXIKT	Subject to lead time
5	CY8C20646A-24LQXI	PSOC	CY8C20646A-24LQXIKT	Subject to lead time
6	CY8C20646A-24LQXIT	PSOC	CY8C20646A-24LQXIKT	Subject to lead time
7	CY8C20667S-24LQXI	PSOC	CY8C20667S-24LQXIKT	Subject to lead time
8	CY8C20667S-24LQXIT	PSOC	CY8C20667S-24LQXIKT	Subject to lead time
9	CY8C4125LQI-PS423	PSOC	CY8C4125LQI-PS423KT	Subject to lead time
10	CY8C4145LQI-PS423	PSOC	CY8C4145LQI-PS423KT	Subject to lead time
11	CY8C4145LQI-PS433	PSOC	CY8C4145LQI-PS433KT	Subject to lead time
12	CY8C4A45LQI-483	PSOC	CY8C4A45LQI-483KT	Subject to lead time
13	CY8CMBR2016-24LQXI	PSOC	CY8CMBR2016-24LQXIKT	Subject to lead time
14	CY8CMBR2016-24LQXIT	PSOC	CY8CMBR2016-24LQXIKT	Subject to lead time
15	CYPD6127-48LQXI	Type C	CYPD6127-48LQXIKT	Available
16	CYPD6127-48LQXIT	Type C	CYPD6127-48LQXIKT	Available
17	CP10033BT	Type C	CP10033ZT	Available
18	CP10033BTT	Type C	CP10033ZT	Available