

Product/process change notification

PCN213402

Please find attached our Infineon Technologies AG PCN:

Introduction of an additional assembly production site at Greatek Electronics Inc. Zhunan, Taiwan for select 48-Lead TQFP package

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 **07 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 [14]

► **Detailed change information:**

Subject: Introduction of an additional assembly production site at Greatek Electronics Inc. Zhunan, Taiwan for Select 48-Lead TQFP package

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

Description:

Old

New

- Advanced Semiconductor Engineering, Inc., Kaohsiung, Taiwan.

- Advanced Semiconductor Engineering, Inc., Kaohsiung, Taiwan and
- Greatek Electronics Inc. Zhunan, Taiwan

Old BOM

New BOM

- ASE

Mold Compound	G631H
Leadframe	Cu LeadFrame
Die Attach	CRM1076WA

- ASE

Mold Compound	G631H
Leadframe	Cu LeadFrame
Die Attach	CRM1076WA

- GREATEK

Mold Compound	G700H
Leadframe	Cu LeadFrame
Die Attach	EN-4900GC

► **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 [14]
Supporting Documents

► **Time schedule:**

- Final qualification report: Available

- First samples available: On request

■ Intended start of delivery: 2021-11-30

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

[Product Change Notification] N° [PCN213402]

Introduction of An Additional Assembly Production at Greatek Taiwan for Select 48-Lead QFN Package



Item	Marketing Part Number	Family	Sample Order Part Number	Sample Availability
1	CY8C4128AZI-S443	PSOC	CY8C4128AZI-S443KT	On request
2	CY8C4128AZI-S453	PSOC	CY8C4128AZI-S453KT	On request
3	CY8C4148AZI-S443	PSOC	CY8C4148AZI-S443KT	On request
4	CY8C4148AZI-S453	PSOC	CY8C4148AZI-S453KT	On request
5	CY8C4148AZQ-S443	PSOC	CY8C4148AZQ-S443KT	On request
6	CY8C4148AZQ-S453	PSOC	CY8C4148AZQ-S453KT	On request
7	CY8C4546AZI-S473	PSOC	CY8C4546AZI-S473KT	On request
8	CY8C4547AZI-S453	PSOC	CY8C4547AZI-S453KT	On request
9	CY8C4547AZI-S463	PSOC	CY8C4547AZI-S463KT	On request
10	CY8C4547AZI-S473	PSOC	CY8C4547AZI-S473KT	On request
11	CY8C4547AZQ-S453	PSOC	CY8C4547AZQ-S453KT	On request
12	CY8C4547AZQ-S473	PSOC	CY8C4547AZQ-S473KT	On request
13	CY8C4548AZI-S483	PSOC	CY8C4548AZI-S483KT	On request
14	CY8C4548AZQ-S483	PSOC	CY8C4548AZQ-S483KT	On request