



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT CHANGE NOTIFICATION

PCN: PCN212104

Date: May 30, 2021

Subject: Qualification of Greatek Electronic Inc. as an Additional Assembly Site for Select 40-Lead QFN Pb-Free Products

Change Type: Major

Description of Change:

Cypress announces the qualification of Greatek Electronics Inc. (Greatek, No. 136, Gong-Yi Rd., Zhunan Township, Miaoli County 350, Taiwan) as an additional assembly site for select 40-Lead QFN Pb-Free products.

The 40-Lead QFN Pb-Free package is assembled at Greatek using the following Bill of Materials (BOM):

Material	Greatek BOM	CML BOM	ASE-KH BOM	UTL BOM
Mold Compound	Sumitomo EME-G700H	Nitto GE-7470LA and Kyocera KE-G3000N-AS	Sumitomo EME-G631H and EME-G700LA	Sumitomo G770HCD
Leadframe	Cu Leadframe	Cu Leadframe	Cu Leadframe	Cu Leadframe
Lead finish	Pure Sn	NiPdAu	NiPdAu and Pure Sn	NiPdAuAg
Die Attach Material	Nitto EM-430J1	Henkel QMI-519 and Sumitomo CRM1577-E	Showa Denko EN-4900F and FH-900	Henkel 8006NS
Bond Wire	0.8 mils CuPdAu	0.8mil CuPd and CuPdAu	0.8mil Cu, CuPd and CuPdAu	0.8mil CuPd

Benefit of Change:

Qualification of alternate manufacturing sites is part of the ongoing flexible manufacturing initiative announced by Cypress. The goal of the flexible manufacturing initiative is to provide the means for Cypress to continue to meet delivery commitments through dynamic, changing market conditions.

Part Numbers Affected: 98

See the attached 'Affected Parts List' file for a list of all part numbers affected by this change. Note that any new parts that are introduced after the publication of this PCN will include all changes outlined in this PCN.

Qualification Status:

This assembly site has been qualified through a series of tests documented in the Qualification Test Plan QTP#202117004. This qualification report can be found as an attachment to this PCN or by visiting www.cypress.com and typing the QTP number in the keyword search window.

Sample Status:

Qualification samples may not be built ahead of time for all part numbers affected by this change. Please review the attached 'Affected Parts List' file for a list of affected part numbers with their associated Greatek sample ordering part numbers. Samples are available now unless there is an indication that the sample ordering part numbers are subject to lead times. If you require qualification samples, please contact your local Cypress sales representative as soon as possible, preferably within 30 days of the date of this PCN, to place any sample orders.

Approximate Implementation Date:

Effective 90 days from the date of this notification or upon customer approval, whichever comes first, all shipments of Commercial, Industrial and Automotive non-PPAP part numbers in the attached file will be assembled at Greatek or other approved assembly sites.

Anticipated Impact:

Products assembled at the new site are completely compatible with existing products from form, fit, functional, parametric and quality performance perspectives.

Cypress also recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess impact (if any) to their application.

Method of Identification:

Cypress maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package.

Response Required:

No response is required.

For additional information regarding this change, contact your local sales representative or contact the PCN Administrator at pcn_adm@cypress.com.

Sincerely,

Cypress PCN Administration



On 16 April 2020, Infineon Technologies 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/>

Item Marketing Part Number

1 CY7C65219-40LQXI
2 CY7C65219-40LQXIT
3 CY8C4024LQI-S403
4 CY8C4024LQI-S403T
5 CY8C4024LQI-S413
6 CY8C4024LQI-S413T
7 CY8C4025LQI-S403
8 CY8C4025LQI-S413
9 CY8C4045LQI-S413
10 CY8C4124LQI-443
11 CY8C4124LQI-443T
12 CY8C4124LQI-S413
13 CY8C4124LQI-S413T
14 CY8C4124LQI-S433
15 CY8C4124LQI-S433T
16 CY8C4124LQQ-443
17 CY8C4125LQI-483
18 CY8C4125LQI-483T
19 CY8C4125LQI-S413
20 CY8C4125LQI-S413T
21 CY8C4125LQI-S423
22 CY8C4125LQI-S423T
23 CY8C4125LQI-S433
24 CY8C4125LQI-S433T
25 CY8C4125LQQ-483
26 CY8C4146LQI-S423
27 CY8C4146LQI-S423T
28 CY8C4146LQI-S433
29 CY8C4146LQI-S433T
30 CY8C4244LQI-443
31 CY8C4244LQQ-443
32 CY8C4245LQI-483
33 CY8C4245LQI-483T
34 CY8C4245LQQ-483
35 CYPD3120-40LQXI
36 CYPD3120-40LQXIT
37 CYPD3123-40LQXI
38 CYPD3123-40LQXIT
39 CYPD3125-40LQXI
40 CYPD3125-40LQXIT
41 CYPD3135-40LQXI
42 CYPD3135-40LQXIT
43 CYPD3135-40LQXQ
44 CYPD3135-40LQXQT
45 CYPD4125-40LQXI
46 CYPD4125-40LQXIT
47 CYPD4126-40LQXI

48 CYPD4126-40LQXIT
49 CYPD4225-40LQXI
50 CYPD4225-40LQXIT
51 CYPD4226-40LQXI
52 CYPD4226-40LQXIT
53 CYPD4236-40LQXI
54 CYPD4236-40LQXIT
55 CYPD5126-40LQXI
56 CYPD5126-40LQXIT
57 CYPD5137-40LQXI
58 CYPD5137-40LQXIT
59 CYPD6125-40LQXI
60 CYPD6125-40LQXIT
61 CYPM1111-40LQXI
62 CYPM1111-40LQXIT
63 CYPM1211-40LQXI
64 CYPM1211-40LQXIT
65 CG8349AT
66 CG8349ATT
67 CP10125AT
68 CP10125ATT
69 CP8570AT
70 CP8570ATT
71 CP8691AT
72 CP8691ATT
73 CP8820AT
74 CP8820ATT
75 CP8935AT
76 CP8935ATT
77 CP9024BT
78 CP9024BTT
79 CP9029AT
80 CP9029ATT
81 CP9033AT
82 CP9033ATT
83 CP9083AT
84 CP9083ATT
85 CP9109AT
86 CP9109ATT
87 CP9121AT
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89 CP9179AT
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93 CP9183AT
94 CP9183ATT
95 CP9234AT

96 CP9234ATT
97 CS8590AM
98 CS8590AMT