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PRODUCT CHANGE NOTIFICATION

PCN: PCN211204

Date: March 29, 2021

Subject: Qualification of Daewon Tray at ChipMOS Test and Finish Site for 44-Lead TSOP II Package Memory Products

To:

Change Type: Major

Description of Change:

Cypress announces the qualification of Daewon tray to be used for 44-Lead TSOP II package tested and finish processed at ChipMOS Technologies Inc., Taiwan. This tray is qualified and currently in use by Cypress and its other Test and Finish subcons.

This tray is compatible to industry standard as this tray is aligned to JEDEC requirements.

Items	Existing	New
Manufacturer	KOSTAT	DAEWON
Supplier Part Number	KS-8503	TR142050
Cypress Drawing Number	51-52029	001-94661
Tray Color	Black	Black
Temperature Rating	150°C	150°C
Number of Pockets / Units per Tray	135	135
Tray Length	315.0 ± 0.25 mm	315.0 ± 0.25 mm
Tray Width	135.9 ± 0.25 mm	135.9 ± 0.25 mm
Tray Stacking Height	6.35 ± 0.13 mm	6.35 ± 0.13 mm
1 st Pocket X-Position	14.56 ± 0.13 mm	14.56 ± 0.13 mm
1 st Pocket Y-Position	13.27 ± 0.13 mm	13.27 ± 0.13 mm
Pocket X-Pitch	20.42 ± 0.13 mm	20.42 ± 0.13 mm
Pocket Y-Pitch	13.67 ± 0.13 mm	13.67 ± 0.13 mm
Top Pocket Length	18.88 ± 0.25 mm	18.88 ± 0.08 mm
Top Pocket Width	11.96 ± 0.25 mm	11.87 ± 0.08 mm
Pocket Depth	1.91 ± 0.25 mm	1.91 ± 0.10 mm

Benefit of Change:

The qualification of the Daewon tray for 44-Lead TSOP II package at ChipMOS test and finish site will align ChipMOS to CML and the rest of the Cypress Subcon, which is also for tray standardization of this 44-Lead TSOP II package.

Part Numbers Affected: 64

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 change has been qualified through a series of tests documented in the Qualification Test Plan QTP # 202106001. 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 ChipMOS 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 from ChipMOS will use Daewon trays.

For Automotive PPAP part numbers this change will be effective upon customer approval.

Anticipated Impact:

Products assembled with the Daewon tray 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

Item	Marketing Part Number	Family
1	8909000785	ASYNC
2	8909000787	ASYNC
3	A2C02770600X	ASYNC
4	A2C03558300X	ASYNC
5	CY62126EV30LL-45ZSXI	ASYNC
6	CY62136ESL-45ZSXI	ASYNC
7	CY62136EV30LL-45ZSXI	ASYNC
8	CY62136FV30LL-45ZSXI	ASYNC
9	CY62137EV30LL-45ZSXI	ASYNC
10	CY62146ELL-45ZSXI	ASYNC
11	CY62146ESL-45ZSXI	ASYNC
12	CY62146EV30LL-45ZSXI	ASYNC
13	CY62146G30-45ZSXA	ASYNC
14	CY62146G-45ZSXA	ASYNC
15	CY621472G30-45ZSXA	ASYNC
16	CY62147EV30LL-45ZSXI	ASYNC
17	CY62147G30-45ZSXA	ASYNC
18	CY62147G30-55ZSXE	ASYNC
19	CY62157ELL-45ZSXI	ASYNC
20	CY62157ESL-45ZSXI	ASYNC
21	CY62157EV30LL-45ZSXI	ASYNC
22	CY62157H30-55ZSXE	ASYNC
23	CY62158ELL-45ZSXI	ASYNC
24	CY62158EV30LL-45ZSXI	ASYNC
25	CY7C1010DV33-10ZSXI	ASYNC
26	CY7C1011DV33-10ZSXI	ASYNC
27	CY7C1011G30-10ZSXA	ASYNC
28	CY7C1011G30-12ZSXE	ASYNC
29	CY7C1020CV26-15ZSXE	ASYNC
30	CY7C1021CV26-15ZSXE	ASYNC
31	CY7C1021CV33-12ZSXE	ASYNC
32	CY7C1021D-10ZSXI	ASYNC
33	CY7C1021DV33-10ZSXI	ASYNC
34	CY7C1041G30-10ZSXA	ASYNC
35	CY7C1041G30-10ZSXE	ASYNC
36	CY7C1051DV33-10ZSXI	ASYNC
37	CY7C1051DV33-12ZSXI	ASYNC
38	CY7C1051H30-10ZSXE	ASYNC
39	CY7C1059DV33-10ZSXI	ASYNC
40	CG10008AA	ASYNC
41	CG10055AF	ASYNC
42	CG10081AF	ASYNC
43	CG10105AF	ASYNC
44	CG7480AT	ASYNC
45	CG7689AA	ASYNC
46	CG7690AA	ASYNC

47	CG7691AA	ASYNC
48	CG7740AA	ASYNC
49	CG7794AA	ASYNC
50	CG7818AA	ASYNC
51	CG7945AA	ASYNC
52	CG8254AA	ASYNC
53	CG8264AA	ASYNC
54	CG8556AA	ASYNC
55	CG8830AM	ASYNC
56	CG8836AM	ASYNC
57	CG8876AM	ASYNC
58	CG8888AM	ASYNC
59	CG8985AM	ASYNC
60	CG8988AA	ASYNC
61	CG9079AA	ASYNC
62	CG9081AA	ASYNC
63	CG9231AF	ASYNC
64	P770046DFJ0000X	ASYNC