



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT INFORMATION NOTIFICATION

PIN: PIN203403

Date: August 23, 2020

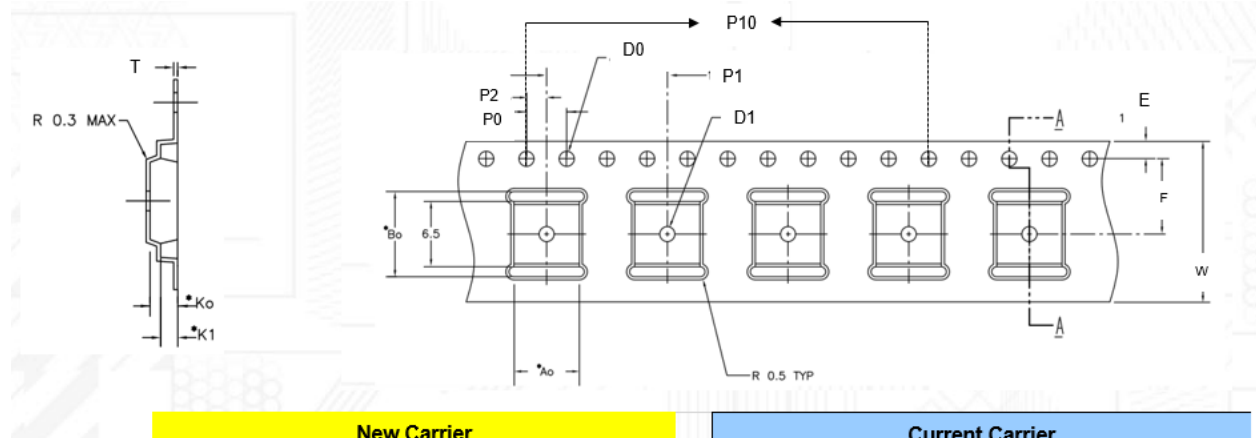
Subject: Qualification of UPAK Carrier Tape in Cypress Thailand for Select 24-Ball FBGA Package

To: PRICE CONTROL
 NEWARK
 pricecontrol@newark.com

Change Type: Minor

Description of Change:

Cypress announces the qualification of UPAK carrier tape to be used as in-process and shipping tape for select 24-Ball FBGA (8x6 mm) package finished at Cypress Thailand (229 Moo 4 Chaeng Watthana Road, Pak Kret, Nonthaburi, 11120 Thailand). The UPAK carrier tape is the same as the current carrier tape with regards to critical dimensions that may affect application.



New Carrier				Current Carrier			
Annote	mm	Annote	mm	Annote	mm	Annote	mm
A0	6.50+/- 0.1	P1	12.00+/- 0.1	A0	6.50+/- 0.1	P1	12.00+/- 0.1
B0	8.50+/- 0.1	P2	2.00+/- 0.1	B0	8.50+/- 0.1	P2	2.00+/- 0.1
K0	2.10+/- 0.1	P10	40.00+/- 0.2	K0	2.10+/- 0.1	P10	40.00+/- 0.2
K1	1.30+/- 0.1	E	1.75+/- 0.1	K1	1.30+/- 0.1	E	1.75+/- 0.1
D0	1.5+0.1/-0.0	F	7.5+/- 0.1	D0	1.5+0.1/-0.0	F	7.5+/- 0.1
D1	1.50+/-0.1	W	16.0+/- 0.3	D1	1.50+/-0.1	W	16.0+/- 0.3
P0	4.00+/- 0.1	T	0.30+/-0.05	P0	4.00+/- 0.1	T	0.30+/-0.05


All dimension of new carrier tape as same with current carrier tape.

There are no changes to ordering part numbers. Product datasheets remain the same and can be downloaded from the Cypress Website (www.cypress.com).

Benefit of Change:

This change is part of Cypress' continuous improvement to enable an alternative carrier tape source for 24-Ball FBGA (8x6 mm) package and eliminate any future carrier tape delivery issue.

Part Numbers Affected: 458

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 PIN will include all changes outlined in this PIN.

Qualification Status

This change has been qualified through a series of tests documented in the Qualification Test Plan QTP#202105. 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.

Approximate Implementation Date:

This change will be effective with the date of this notification. Existing carrier tape will be depleted before the implementation of the new carrier tape. During the transition period, the affected part numbers will be supplied with either the current carrier tape or new carrier tape. No carrier tape mixing will be allowed in one lot.

Anticipated Impact:

Products shipped with the new carrier tape are completely compatible with existing product 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:

This is an information only announcement. 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