



Cypress Semiconductor Corporation, 198 Champion Court, San Jose, CA 95134. Tel: (408) 943-2600

PRODUCT INFORMATION NOTIFICATION

PIN: PIN194402

Date: November 05, 2019

Subject: Qualification of New Carrier Tape for Select QFN Packages at Cypress Philippines

To: GENERAL INBOX
PREMIER FARNELL
ProductChangeNotices@premierfarnell.com

Change Type: Minor

Description of Change:

Cypress has qualified an EIA standard carrier tape for select QFN packages at Cypress Philippines (CML, Gateway Business Park, SEPZA, Brgy., Javalera, General Trias, Cavite, Philippines). The new carrier tape meets the Cypress specification and demonstrates the same quality as the current carrier tape being used.

The new cover tape has the following details:

Site	Material	Supplier	Qual Report	Application
CML	Carrier Tape	KOSTAT	192907	QFN4x4, QFN5x5, QFN6x6 Packages

Package	Critical Dimension	Current: ADVANTEK / CPAK		Proposed: KOSTAT		Remarks
		Dim (mm)	Tol (mm)	Dim (mm)	Tol (mm)	
QFN 6X6mm	Tape Width (W)	16.00	0.3	16.00	0.3	Matched
	Pocket Width (Ao)	6.30	0.1	6.30	0.1	
	Pocket Length (Bo)	6.30	0.1	6.30	0.1	
	Pocket Depth (Ko)	0.80	0.1	0.80	0.1	
	Pocket Pitch	12.00	0.1	12.00	0.1	
	Sprocket hole Pitch	2.00	0.1	2.00	0.1	
	Sprocket hole Diameter	1.50	0.1	1.50	0.1	
	Center Hole Diameter	1.5min	NA	1.5min	NA	
Color	Black		Black			

Package	Critical Dimension	Current: ADVANTEK / CPAK		Proposed: KOSTAT		Remarks
QFN 5X5mm	Tape Width (W)	12.00	0.3	12.00	0.3	Matched
	Pocket Width (Ao)	5.25	0.1	5.25	0.1	
	Pocket Length (Bo)	5.25	0.1	5.25	0.1	
	Pocket Depth (Ko)	1.10	0.1	1.10	0.1	
	Pocket Pitch	8.00	0.1	8.00	0.1	
	Sprocket hole Pitch	4.00	0.1	4.00	0.1	
	Sprocket hole Diameter	1.50	0.1	1.50	0.1	
	Center Hole Diameter	1.5min	NA	1.5min	NA	
	Color	Black		Black		
QFN 4X4mm	Tape Width (W)	12.00	0.3	12.00	0.3	Matched
	Pocket Width (Ao)	4.30	0.1	4.30	0.1	
	Pocket Length (Bo)	4.30	0.1	4.30	0.1	
	Pocket Depth (Ko)	1.10	0.1	1.10	0.1	
	Pocket Pitch	8.00	0.1	8.00	0.1	
	Sprocket hole Pitch	4.00	0.1	4.00	0.1	
	Sprocket hole Diameter	1.50	0.1	1.50	0.1	
	Center Hole Diameter	1.5min	NA	1.5min	NA	
	Color	Black		Black		

No changes made to the following attributes:

- Storage: Environment 20°C - 25°C and relative humidity 50% - 75%
- Unit orientation on carrier pocket
- Carrier tape material
- Color of carrier tape
- Length and width

Benefit of Change:

This change is part of Cypress' continuous quality improvement to standardize tape and reel materials at Cypress Philippines.

Affected Parts: 514



See the attached 'Affected Parts List' file for the part number 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:

The new carrier tape is qualified through a series of tests detailed in the Qualification Test Plan QTP#192907. The QTP report can be found as an attachment to this notification.

Approximate Implementation Date:

This change will be effective with the date of this notification.

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