



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

PRODUCT INFORMATION NOTIFICATION

PIN: PIN191501

Date: April 10, 2019

Subject: Qualification of FURUN Tubes for Select 8-Lead SOP, 20-Lead TSSOP and 24-Lead TSSOP Packages Assembled at TFME

Change Type: Minor

Description of Change:

Cypress announces the qualification of FURUN tubes for select 8-Lead SOP, 20-Lead TSSOP and 24-Lead TSSOP packages to be used in assembly, test and finish process at TFME (Tongfu Microelectronics, Co. Ltd., No.288, Chongchuan Road, Nantong, Jiangsu, China). The new tubes are the same as the current tubes with regards to design and dimensions.

Package	Items	HAUYAN (Current tube)	FURUN (Proposed tube)	Remarks
8-Lead SOP 5.30x5.24x1.0mm	Drawing number	TFME-PVC-X0166-HAUYAN	TFME-PVC-X0166-FURUN	Different
	Length	508 ± 1.0	508 ± 1.0	Same
	Internal Width	9.40 ± 0.25	9.40 ± 0.25	Same
	Thickness	0.56 ± 0.10	0.56 ± 0.10	Same
	Units per tube	90	90	Same
20-Lead TSSOP 4.4x6.5x1.2mm	Drawing number	TFME-PVC-X0053-HAUYAN	TFME-PVC-X0053-FURUN	
	Length	508 ± 1.0	508 ± 1.0	Same
	Width	14.7 ± 0.20	14.7 ± 0.20	Same
	Thickness	0.635 ± 0.15	0.635 ± 0.15	Same
	Units per tube	35	35	Same
24-Lead TSSOP 4.4x7.8x1.2mm	Drawing number	TFME-PVC-X0053-HAUYAN	TFME-PVC-X0053-FURUN	
	Length	508 ± 1.0	508 ± 1.0	Same
	Width	14.7 ± 0.20	14.7 ± 0.20	Same
	Thickness	0.635 ± 0.15	0.635 ± 0.15	Same
	Units per tube	30	30	

Benefit of Change:

This change is part of Cypress' continuous improvement to have a second source supplier of indirect materials in preparation for any unanticipated material issue.

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 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 # 184901. This qualification report can be found as an attachment to this PIN 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.

Anticipated Impact:

Products manufactured 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

Item Marketing Part Number

- 1 CY95F012KPFT-G-UNE2
- 2 CY95F562KNPFT-G101SNERE2
- 3 CY95F562KNPFT-G101UNERE2
- 4 CY95F562KNPFT-G102SNERE2
- 5 CY95F562KNPFT-G102UNERE2
- 6 CY95F562KNPFT-G-SNE2
- 7 CY95F562KNPFT-G-SNERE2
- 8 CY95F562KNPFT-G-UNE2
- 9 CY95F562KNPFT-G-UNERE2
- 10 CY95F562KPFT-G-SNERE2
- 11 CY95F562KPFT-G-UNERE2
- 12 CY95F563HNPFT-G-SNERE2
- 13 CY95F563HNPFT-G-UNERE2
- 14 CY95F563HPFT-G-105SNERE2
- 15 CY95F563HPFT-G-105UNE2
- 16 CY95F563HPFT-G-105UNERE2
- 17 CY95F563HPFT-G-106SNERE2
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- 40 CY95F564KPFT-G-110UNERE2
- 41 CY95F564KPFT-G-113UNERE2
- 42 CY95F564KPFT-G-SNERE2
- 43 CY95F564KPFT-G-UNE2
- 44 CY95F564KPFT-G-UNERE2
- 45 FBMC430

46 HBMC430
47 MB95F012KPFT-G-UNE2
48 MB95F272KPF-G-SNE2
49 MB95F354EPFT-G-SNE2
50 MB95F563HNPFT-G-UNERE2
51 MB95F563HPFT-G-105UNERE2
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57 MB95F572KNPF-G-SNERE2
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62 MB95F656EPFT-G-SNERE2
63 S6AP111A28GT11000
64 S6AP111A28GT1B000