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Process Change Notification

This is to inform you that a design and/or process change/s will be implemented to all TSC product(s). This notification requires your concurrence within 45 days upon receipt of this notification.

Please work with your local Taiwan Semiconductor Sales Representative to manage your inventory of the existing product if your evaluation of this change will require more than 90 calendar days.

For additional data and samples, you can contact your local Taiwan Semiconductor Field Quality Service or Customer Quality Engineer within 45 days upon receipt of this notification

PCN No: PCN22015 rev1 Title: Change of TSC Product Label Format

Issue Date: 2023/5/10

If you have any questions concerning this change, please contact:

PCN Coordinator

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PCN Originator

Name : Anna Lin E-mail: anna.lin@mail.ts.com.tw Phone: +886-2-8913-1588 Ext. 2213

PCN Type: Change of labelling

Effectivity:

2D Label and new packing list : Date code: 2301

TSC label with COO information will be implemented from manufacturing date code : 2333 Expected 1st device shipment date : 2023/8/14

Product Category (Description):

All products manufactured and supplied by Taiwan Semiconductor Co. Ltd

Description of Change:

Taiwan Semiconductor Company will be revising its product label content for inner and shipping label. The company will be adding 2D barcode and manufacturing date code (10D - YYWW) and include the COO in the label starting from 2023/8/14 to be compliant to the ECIA industry standard label requirements.

TSC label will have two ways depending on the logistics transaction methods:

- 1. Type A : one TSC Label (containing whole data)
- 2. Type B : one TSC Label + additional COO Label

Please see details below.

This change will guarantee Taiwan Semiconductor Co., commitment on customer service and satisfaction through continuous improvement.

TSC will adopt running change approach to ship products from existing inventory with the old labels, until stock has been depleted.

TSC Label Example :

Type A : one TSC Label (containing whole data)



Item	TSC Label Forr	nat	COO Label Format				
	TSC	Product Label	Format				
Reel box Inner box	TAIWAN SEMICONDUCTOR CO.,LT (1T) LOT: S1-200701-0010502 (1P) Part No: TQM110NB04DCR RLG (P) Customer P/N: CUSTOMER-PART NO (10D) Date Code: 2301 (Q) QTY: 2500 (9D) Prodoct D/C: 3011H_		(P) Customer P/N: CUSTOMER-PART NO				
Outer Box	S TAIWAN SEMICONDUCTOR CO.,LTD (1T) LOT: 51-200701-001 (1P) Part No: TQM110NB04DCR RLG (1P) Part No: TQM110NB04DCR RLG (M) M/O#: (N) M/O#: (M) M/O#: (M) M/O#: (IP) Costomer P/N: (III) CONTY: (III) CONTY: (III) CONTY: (III) CONTY: (III) CONTY: (IIII) CONTY: (IIII) CONTY: (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	(10D) Date Code: 2301	(P) Customer P/N: CUSTOMER-PART NO (K) P/O#: G709170403 (M) M/O#: 11410024532 (4L) COO: TW (M) M/O#: 11410024532 (4L) COO: TW				

• Packing List Example

Item	Old Label Format				New Label Format							
			Pac	king Li	st Fo	rm	at					
Packing List	SEMICONDUCTOR SEMICOND			LAIVAN SEMILORU 11FL, No.20, Sec.3, Beilt, Beilt, Soc.3, Soc.3, Sec.3, Beilt, Soc.3, So			L HAI GREAT TECHNOLOG 1909,29F,ENTERPRISE E.NO.228.MEIYUAN RD. J HAI, CHINA 200070 CON 3765776815	NGLOOY TRADING COLITO. HINGE ON TRADING COLITO.			TAIWAN SEMIC 11FL_No.205,Sec. New Taipei City 23 Tei: +886-2-89131 Fax: +886-2-89131 Ship fo: TAWAN SEMCOND SF_MECONDU SF_MECONDU SF_MECONDU SF_MECONDU STORE SUBSECONDUS ST SEG STORE	
	Invoice No.: Payment Term: Country Of Origin:	T-2206758 TT-120-CUT25 KEELUNG PORT TAIWAN		Invoice Date: 2022/06/15		Invoice No.: T-2206758 Payment Term: TT-120-CUT25 Country Of Origin: KEELUNG PORT TAIWAN				Invoice Date: Shipment Term: CIF Ship Method :		
	C/NO. Description 1 SLIMERSG 2 SLIMERSG 3 SLIMERSG 4 SLIMERSG 5 SLIMERSG 6 SLIMERSG 12 TPUHODISLG 13 TESDU24V RGG	Customer PIN Customer PIO# CY3021032006F CY3021032006F CY3021032006F CY3021032006F CY3021032006F CY3021032006F CY3021032006F CY3021032006F CY3021032006F CY3021032006F CY3021032006F CY3021032006F Octoorset CY3021032006F Octoorset F 003-1014-01 BHF20220511016	U CHANG WEI-ZJ) 1.9-220503 U CHANG WEI-ZJ) 1.9-220503) 1.4-220512	-015 2J -012 2J -011 2J -016 2J -013 2J -006 2JA	Qty/PCS 90,000 90,000 90,000 90,000 90,000 10,500 4,000	C/NO. 1 2 3 4 5 6 7 12 13	Description SIJMHRSG SIJMHRSG SIJMHRSG SIJMHRSG SIJMHRSG SIJMHRSG SIJMHRSG TPUHODHSIG TESDU24V RGG	Customer P/N 03-1014-01	Customer PIO2 CY2021032066/FU CHANO WELZ)) CY2021032066/FU CHANO WELZ)) CY202103206/FU CHANO WELZ)) CY202103206/FU CHANO WELZ)) CY202103206/FU CHANO WELZ)) CY202103206/FU CHANO WELZ)) CY202103206/FU CHANO WELZ)) CY202103206/FU CHANO WELZ) DY202005/8/FU FU CHANO WELZ) DY202005/8/FU FU CHANO WELZ) DY202005/8/FU FU CHANO WELZ)	Lot NO. 1.9-220503-014 1.9-220503-015 1.9-220503-012 1.9-220503-016 1.9-220503-016 1.9-220503-013 1.9-220503-017 1.4-220512-006 TSC66201227	21 21 21 21 21 21 21 21 21 21 21 21 21 2	2219 2219 2219 2219 2219 2219 2219 2219

Product Traceability

Item	Identification		
Traceability	Product date code		

Effect of Change:

There is no impact in product electrical specification, functionality, quality and reliability. Customers using the 2D barcode label should review their barcode parsing configuration.

History :

Rev	Date	History		
0	2022/9/14	 Change TSC label format Adding 2D barcode and manufacturing date code (10D - YYWW) ir compliance with the industry standard 		
1	2023/5/10	 Compliance with the industry standard Add COO(Country of Origin) information for all TSC products: TSC label will have two ways depending on the logistics transaction methods: Type A : one TSC Label (containing whole data) Type B : one TSC Label + additional COO Label 		