Taiwan Semiconductor Co. Ltd.
11Fl., No. 205, Sec. 3, Beishin Rd.
Xindian Dist., New Taipei City 231
Taiwan, R.O.C.
Tel.:+886 2 8913 1588
Fax: +886 2 8913 1788
www.taiwansemi.com

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
Name : Delia Chang
E-Mail: delia.chang@mail.ts.com.tw
Phone: +886-3-928-5017 Ext. 315

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.

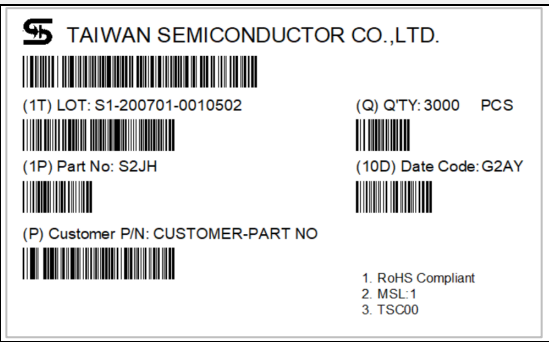
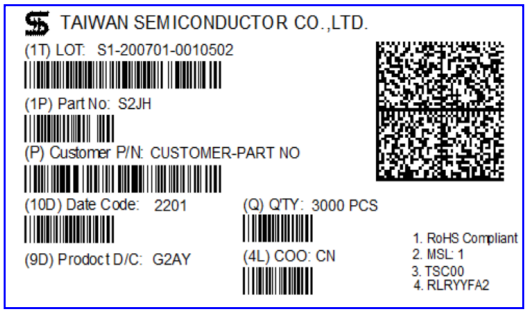
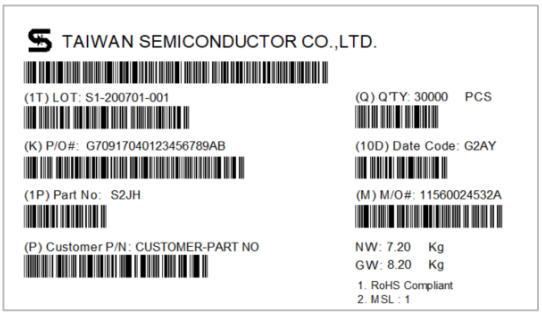
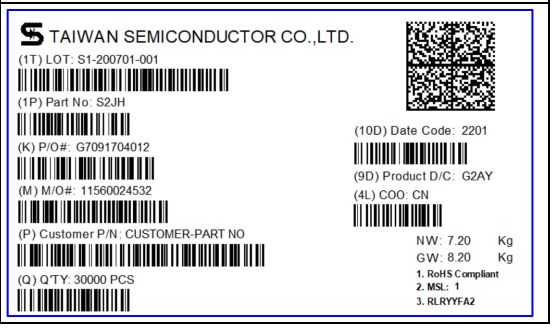
TSC label will have two ways depending on the logistics transaction methods:
1. Type A : one TSC Label (containing whole data)
2. Type B : one TSC Label + additional COO Label

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.

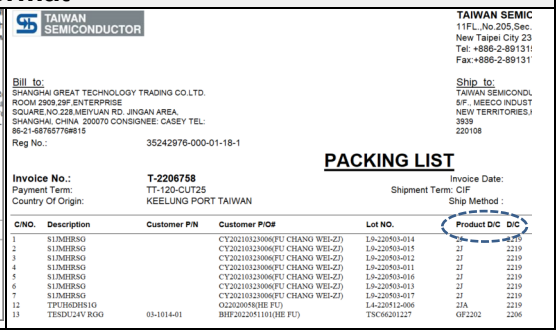
- TSC Label Example :
  Type A : one TSC Label (containing whole data)

Item	Old Label Format	New Label Format
TSC Product Label Format		
Reel box Inner box		
Outer Box		

Type B : one TSC Label + additional COO Label

Item	TSC Label Format	COO Label Format
TSC Product Label Format		
Reel box Inner box	TAIWAN SEMICONDUCTOR CO.,LTD. (1T) LOT: S1-200701-0010502 (1P) Part No: TQM110NB04DCR RLG (P) Customer P/N: CUSTOMER-PART NO (10D) Date Code: 2301 (Q) Q'TY: 2500 PCS (9D) Prodoct D/C: 3011H_ 1. RoHS Compliant 2. MSL: 1 3. TSC22 4. 00000F00	(P) Customer P/N: CUSTOMER-PART NO (4L) COO: TW
Outer Box	TAIWAN SEMICONDUCTOR CO.,LTD. (1T) LOT: S1-200701-001 (1P) Part No: TQM110NB04DCR RLG (K) P/O#: (M) M/O#: (P) Customer P/N: (Q) Q'TY: 25000 PCS (10D) Date Code: 2301 (9D) Product D/C: 3011H_ NW: 7.20 Kg GW: 8.20 Kg 1. RoHS Compliant 2. MSL: 1 3. 00000F00	(P) Customer P/N: CUSTOMER-PART NO (K) P/O#: G709170403 (M) M/O#: 11410024532 (4L) COO: TW

- **Packing List Example**

Item	Old Label Format	New Label Format
Packing List Format		
Packing List		

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) in compliance with the industry standard
1	2023/5/10	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