

## 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 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:

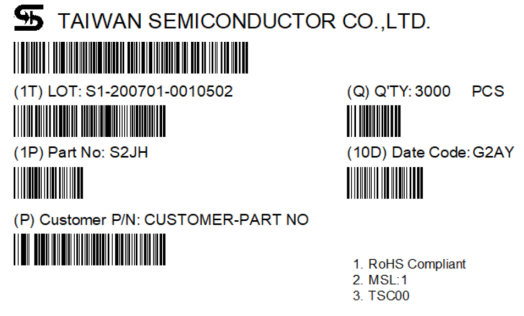
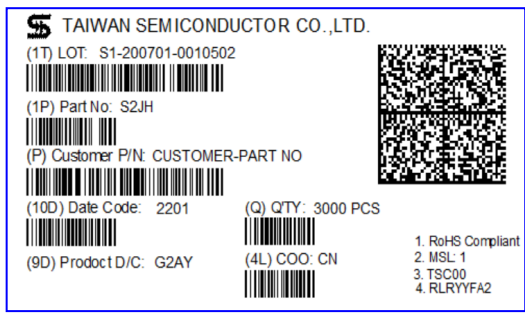

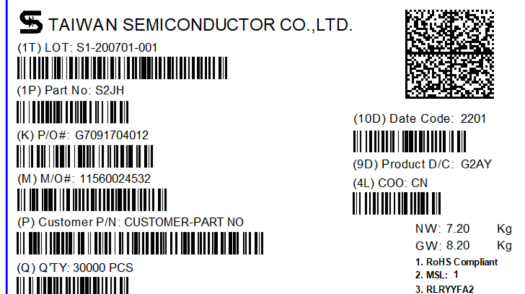
1. Type A : one TSC Label (containing whole data)
2. Type B : one TSC Label + additional COO Label

Please see details below.

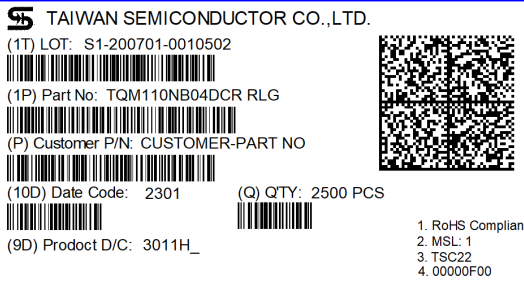



This change will guarantee Taiwan Semiconductor Co., commitment on customer service and satisfaction through continuous improvement.

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

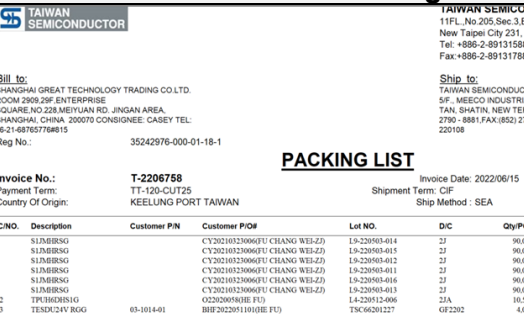
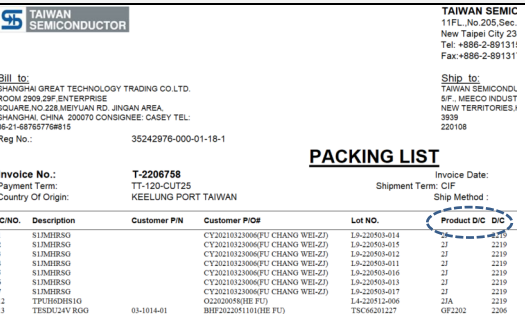
- TSC Label Example :  
Type A : one TSC Label (containing whole data)

Item	Old Label Format	New Label Format
<b>TSC Product Label Format</b>		
<b>Reel box Inner box</b>	 <p>TAIWAN SEMICONDUCTOR CO.,LTD.</p> <p>(1T) LOT: S1-200701-0010502 (Q) Q'TY: 3000 PCS</p> <p>(1P) Part No: S2JH (10D) Date Code: G2AY</p> <p>(P) Customer P/N: CUSTOMER-PART NO</p> <p>1. RoHS Compliant 2. MSL: 1 3. TSC00</p>	 <p>TAIWAN SEMICONDUCTOR CO.,LTD.</p> <p>(1T) LOT: S1-200701-0010502 (1P) Part No: S2JH</p> <p>(P) Customer P/N: CUSTOMER-PART NO</p> <p>(10D) Date Code: 2201 (Q) Q'TY: 3000 PCS</p> <p>(9D) Product D/C: G2AY (4L) COO: CN</p> <p>1. RoHS Compliant 2. MSL: 1 3. TSC00 4. RLRYFA2</p>
<b>Outer Box</b>	 <p>TAIWAN SEMICONDUCTOR CO.,LTD.</p> <p>(1T) LOT: S1-200701-001 (Q) Q'TY: 30000 PCS</p> <p>(K) P/O#: G70917040123456789AB (10D) Date Code: G2AY</p> <p>(1P) Part No: S2JH (M) M/O#: 11560024532A</p> <p>(P) Customer P/N: CUSTOMER-PART NO</p> <p>NW: 7.20 Kg GW: 8.20 Kg 1. RoHS Compliant 2. MSL: 1</p>	 <p>TAIWAN SEMICONDUCTOR CO.,LTD.</p> <p>(1T) LOT: S1-200701-001 (1P) Part No: S2JH</p> <p>(K) P/O#: G7091704012 (M) M/O#: 11560024532</p> <p>(P) Customer P/N: CUSTOMER-PART NO</p> <p>(10D) Date Code: 2201 (9D) Product D/C: G2AY</p> <p>(4L) COO: CN</p> <p>NW: 7.20 Kg GW: 8.20 Kg 1. RoHS Compliant 2. MSL: 1 3. RLRYFA2</p>

## Type B : one TSC Label + additional COO Label

Item	TSC Label Format	COO Label Format
<b>TSC Product Label Format</b>		
<b>Reel box Inner box</b>	 <p>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) Product D/C: 3011H_  1. RoHS Compliant  2. MSL: 1  3. TSC22  4. 00000F00</p>	 <p>(P) Customer P/N: CUSTOMER-PART NO  (4L) COO: TW</p>
<b>Outer Box</b>	 <p>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>	 <p>(P) Customer P/N: CUSTOMER-PART NO  (K) P/O#: G709170403  (M) M/O#: 11410024532 (4L) COO: TW</p>

## Packing List Example

Item	Old Label Format	New Label Format
<b>Packing List Format</b>		
<b>Packing List</b>	 <p>TAIWAN SEMICONDUCTOR  11FL No 205 Sec 3, Beitou  New Taipei City 231, Taiwan  Tel: +886-2-89131588  Fax: +886-2-89131788  Ship to:  TAIWAN SEMICONDUCTOR  5F, MEECO INDUSTRIAL BLDG  TAI, SHATIN, NEW TERRITORY  2790 - 8881 FAX: (852) 2790 - 220108  Reg No.: 35242976-000-01-18-1  <b>PACKING LIST</b>  Invoice No.: T-2206758  Payment Term: TT-120-CUT25  Country Of Origin: KEELUNG PORT TAIWAN  Invoice Date: 2022/06/15  Shipment Term: CIF  Ship Method: SEA</p>	 <p>TAIWAN SEMIC  11FL No 205 Sec  New Taipei City 23  Tel: +886-2-891315  Fax: +886-2-89131  220108  Ship to:  TAIWAN SEMICOND  5F, MEECO INDUST  NEW TERRITORIES  2790  Reg No.: 35242976-000-01-18-1  <b>PACKING LIST</b>  Invoice No.: T-2206758  Payment Term: TT-120-CUT25  Country Of Origin: KEELUNG PORT TAIWAN  Invoice Date: 2022/06/15  Shipment Term: CIF  Ship Method: SEA</p>

## 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: <ul style="list-style-type: none"><li>● Type A : one TSC Label (containing whole data)</li><li>● Type B : one TSC Label + additional COO Label</li></ul>