

# **PCN22015 - TSC LABEL CONTENT REVISION**

TSC, September 2022

# CHANGE DESCRIPTION-LABEL SAMPLE

Item	From	To
<p>Reel &amp; Inner box</p>	<p> <b>S</b> TAIWAN SEMICONDUCTOR CO.,LTD.              (1T) LOT:              (1P) Part No:              (P) Customer P/N:              (Q) QTY: PCS    <b>(10D) Date Code:</b>              1. RoHS Compliant            2. MSL:            3. SUPID         </p>	<p> <b>S</b> TAIWAN SEMICONDUCTOR CO.,LTD.            (1T) LOT:              (1P) Part No:              (P) Customer P/N:    <b>(10D) Date Code:</b>    <b>(9D) Product D/C:</b>              (Q) QTY: PCS              1. RoHS Compliant            2. MSL:            3. SUPID            4. OracleID         </p>
<p>Outer Box</p>	<p> <b>S</b> TAIWAN SEMICONDUCTOR CO.,LTD.              (1T) LOT:              (K) P/O#:              (1P) Part No:              (P) Customer P/N:              (Q) QTY: PCS    <b>(10D) Date Code:</b>              (M) M/O#:              NW: 00.00 Kg            GW: 00.00 Kg            1. RoHS Compliant            2. MSL :         </p>	<p> <b>S</b> TAIWAN SEMICONDUCTOR CO.,LTD.            (1T) LOT:              (1P) Part No:              (K) P/O#:              (M) M/O#:              (P) Customer P/N:              (Q) QTY: PCS    <b>(10D) Date Code:</b>    <b>(9D) Product D/C:</b>              NW: 00.00 Kg            GW: 00.00 Kg            1. RoHS Compliant            2. MSL:            3. OracleID         </p>

# CHANGE DESCRIPTION – PACKING LIST

- Original Packing List information
  - D/C definition: TSC product D/C
- Add the industry standard date code, new definition as below:
  - D/C: YYWW
  - Product D/C: TSC product D/C

		<b>TAIWAN SEMICONDUCTOR CO.,LTD.</b> 11FL.,No.205,Sec.3,Beishin Rd., Xindian Dist., New Taipei City 231, Taiwan Tel: +886-2-89131588 Fax:+886-2-89131788							
<b>Bill to:</b> TAIWAN SEMICONDUCTOR (H.K) CO. LTD., 5/F., MEECO INDUSTRIAL BUILDING,53 – 55, AU PUI WAN STREET,FO TAN, SHATIN, NEW TERRITORIES, HONG KONG. TELEPHONE : (852) 2790-8881, FAX: (852) 2790-3939 Reg No.:		<b>Ship to:</b> POWER SYSTEMS TECHNOLOGIES LIMITED ZHONGJIN INTERNATIONAL SUPPLY CHAIN (HK) LIMITED D.D.104, LOT 1515&1516 CHUK YAU ROAD, SHEUNG CHUK YUEN YUEN LONG N.T., HONG KONG. CONTACT: TIFFANY HUANG MOBILE:00852-39625057 00852-39622375							
<b>PACKING LIST</b>									
<b>Invoice No.:</b> T-2210610 <b>Payment Term:</b> TT-120-CUT25 <b>Country Of Origin:</b> QINGDAO AIRPORT CHINA		<b>Invoice Date:</b> 2022/09/15 <b>Shipment Term:</b> FOB CHINA <b>Ship Method:</b> DHL <b>Currency:</b> USD							
C/NO.	Description	Customer P/N	Customer P/O#	Lot No.	D/C	Qty/PCS	N.W./KGS	G.W./KGS	DIM
1	TS10KL80H_FA1	APP-201-D0000071-102	715D27400-40(POWER SYSTEMS)	GB-220908-001	G237Y	2,000	6.80	9.30	570*219*227
2	TS10KL80H_FA1	APP-201-D0000071-102	715D27400-40(POWER SYSTEMS)	GB-220908-002	G237Y	1,000	3.40	4.90	570*219*227



		<b>TAIWAN SEMICONDUCTOR CO.,LTD.</b> 11FL.,No.205,Sec.3,Beishin Rd., Xindian Dist., New Taipei City 231, Taiwan Tel: +886-2-89131588 Fax:+886-2-89131788								
<b>Bill to:</b> TAIWAN SEMICONDUCTOR (H.K) CO. LTD., 5/F., MEECO INDUSTRIAL BUILDING,53 – 55, AU PUI WAN STREET,FO TAN, SHATIN, NEW TERRITORIES, HONG KONG. TELEPHONE : (852) 2790 - 8881 · FAX : (852) 2790 - 3939 Reg No.: 35242976-000-01-18-1		<b>Ship to:</b> TAIWAN SEMICONDUCTOR (H.K) CO. LTD 5/F., MEECO INDUSTRIAL BUILDING,53 – 55, AU PUI WAN STREET,FO TAN, SHATIN, NEW TERRITORIES, HONG KONG. TELEPHONE : (852) 2790 - 8881 · FAX : (852) 2790 - 3939 219095								
<b>PACKING LIST</b>										
<b>Invoice No.:</b> T-2202699 <b>Payment Term:</b> TT-120-CUT25 <b>Country Of Origin:</b> CKS AIR PORT TAIWAN		<b>Invoice Date:</b> 2022/08/02 <b>Shipment Term:</b> CIF H.K. <b>Ship Method:</b> AIR <b>Currency:</b> USD								
C/NO.	Description	Customer P/N	Customer P/O#	Lot NO.	Prod. D/C	D/C	Qty/PCS	N.W./KGS	G.W./KGS	DIM
1H	TSM120N06LCP ROG	LNKH-1072126	1J5378100(FLEXTRONICS-FY)	ES2520504-2Q1	2Q1	2204	4,000	1.33	7.83	385*300*380
1H	TSM120N06LCP ROG	LNKH-1072126	1J5378100(FLEXTRONICS-FY)	ES2520505-2Q1	2Q1	2204	1,000	0.33		
2Q1	TSM120N06LCP ROG	LNKH-1072126	1J5378100(FLEXTRONICS-FY)	ES2520506-2Q1	2Q1	2204	1,000	0.33		

# DESCRIPTION OF LABEL CONTENT

No	Identifier	Data Field	Length max	說明 Description						
1	20P	TSC Product ID Code	30	<p>TSC FG Product ID code(Oracle ID).</p> <ul style="list-style-type: none"> <li>Text : According to the digit of Product ID Code to show, as below:</li> </ul> <table border="1"> <thead> <tr> <th>字元數 Digits</th> <th>文字顯示規則 Text Rule</th> </tr> </thead> <tbody> <tr> <td>30-Digits</td> <td>顯示後8碼以供倉庫識別產品特性。 Display the last 8-digits for the warehouse to identify product characteristics.</td> </tr> <tr> <td>22-Digits</td> <td>顯示“空白” Fixed as “Blank”</td> </tr> </tbody> </table>	字元數 Digits	文字顯示規則 Text Rule	30-Digits	顯示後8碼以供倉庫識別產品特性。 Display the last 8-digits for the warehouse to identify product characteristics.	22-Digits	顯示“空白” Fixed as “Blank”
字元數 Digits	文字顯示規則 Text Rule									
30-Digits	顯示後8碼以供倉庫識別產品特性。 Display the last 8-digits for the warehouse to identify product characteristics.									
22-Digits	顯示“空白” Fixed as “Blank”									
2	1T	LOT	24	TSC Lot No						
3	1P	Part No	20	TSC Part No (Ordering information)						
4	P	Customer P/N	24	Customer P/N if customer require						
5	9D	Product D/C	6	TSC Product Date Code.						
6	10D	Date code	4	Product date code, format: YYWW (Year, week)						
7	Q	Q'TY	6	Quantity						

# DESCRIPTION OF LABEL CONTENT

No	Identifier	Data Field	Length max	說明Description
8	-	RoHS Compliant	-	fixed as "RoHS Compliant".
9	Z	MSL	2	Moisture sensitivity level, "N" for not apply product.
10	V	Supplier ID	7	TSC Supplier ID
11	K	P/O#	10	Customers PO <ul style="list-style-type: none"> <li>Outsourcing acceptance displays "blank".</li> </ul>
12	M	MO#	11	MO #: ex: 11560024532 <ul style="list-style-type: none"> <li>Outsourcing acceptance displays "blank".</li> </ul>
13	-	Product weight	-	GW: ex 5.4 Kg; NW: ex 3.8 Kg
14	-	2D barcode for <b>Reel &amp; inner box</b>	-	<b>Rule:</b> [> <sup>R</sup> <sub>S</sub> 06 <sup>G</sup> <sub>S</sub> 20PTSC Product ID <sup>G</sup> <sub>S</sub> PCustomer P/N <sup>G</sup> <sub>S</sub> 1PPart No <sup>G</sup> <sub>S</sub> 9DProduct D/C <sup>G</sup> <sub>S</sub> 10DDate Code <sup>G</sup> <sub>S</sub> ZMSL <sup>G</sup> <sub>S</sub> VSupplier ID <sup>G</sup> <sub>S</sub> QQty <sup>G</sup> <sub>S</sub> 1TLOT <sup>R</sup> <sub>S</sub> E <sup>O</sup> <sub>T</sub>
	-	2D barcode for <b>outer box</b>	-	<b>Rule:</b> [> <sup>R</sup> <sub>S</sub> 06 <sup>G</sup> <sub>S</sub> 20PTSC Product ID <sup>G</sup> <sub>S</sub> PCustomer P/N <sup>G</sup> <sub>S</sub> 1PPart No <sup>G</sup> <sub>S</sub> 9DProduct D/C <sup>G</sup> <sub>S</sub> 10DDate code <sup>G</sup> <sub>S</sub> ZMSL <sup>G</sup> <sub>S</sub> KP/O# <sup>G</sup> <sub>S</sub> M MO# <sup>G</sup> <sub>S</sub> QQty <sup>G</sup> <sub>S</sub> 1TLOT <sup>R</sup> <sub>S</sub> E <sup>O</sup> <sub>T</sub>
	-	2D Barcode Remark	-	1.Data separated with <sup>G</sup> <sub>S</sub> 2.Start: [> <sup>R</sup> <sub>S</sub> 06 3.End: <sup>R</sup> <sub>S</sub> E <sup>O</sup> <sub>T</sub>
15	-	Other Remark	-	(9D) Product D/C & (10D) D/C's information should be consistent.

## **EXAMPLE LABEL OF ASCII CODE**

# TSC 2D LABEL SAMPLE

- Reel & inner box (Sample)

**ST** TAIWAN SEMICONDUCTOR CO.,LTD.

(1T) LOT: S1-200701-0010502

(1P) Part No: S2JH

(P) Customer P/N: CUSTOMER-PART NO

(10D) Date Code: 2201 (Q) Q'TY: 3000 PCS

(9D) Product D/C: G2AY

1. RoHS Compliant  
2. MSL: 1  
3. TSC00  
4. RLRYYFA2

The separator in 2D barcode using ASCII code.

- ASCII code table:

Name	Character	ASCII value
Compliance Indicator	[> (three characters)	91, 41, 62
Record Separator	$R_s$	30
Group Separator	$G_s$	29
End of Transmission	$E_{OT}$	04

TSC 2D barcode rule for Reel & inner box	<p><b>Rule:</b></p> <p>[&gt;<math>R_s</math>06<math>G_s</math>20PTSC Product ID<math>G_s</math>PCustomer P/N<math>G_s</math>1PPart No<math>G_s</math>9DProduct D/C <math>G_s</math>10DDate Code <math>G_s</math>ZMSL <math>G_s</math>VSupplier ID <math>G_s</math>QQty<math>G_s</math>1TLOT<math>R_s</math><math>E_{OT}</math></p>
2D Barcode Remark	<ol style="list-style-type: none"> <li>Data separated with <math>G_s</math></li> <li>Start: [&gt;<math>R_s</math>06</li> <li>End: <math>R_s</math><math>E_{OT}</math></li> </ol>
Scanning result	<p>[&gt;[RS]06[GS]20P802H-031M4212J00000000RLRYFA2[GS]PCUST-FA21234567890ABC [GS]1PS2JH[GS]9DG2AY[GS]10D2201[GS]Z1[GS]VTSC00[GS]Q3000[GS]1TS1-200701-0010502[RS][EOT]</p>

# TSC 2D LABEL SAMPLE

- Outer box (Sample)

 TAIWAN SEMICONDUCTOR CO.,LTD.	
(1T) LOT: S1-200701-001	
(1P) Part No: S2JH	
(K) P/O#: G70917040123456789ABCDEFG	(10D) Date Code: 2201
(M) M/O#: 11560024532A123	(9D) Product D/C: G2AY
(P) Customer P/N: CUSTOMER-PART NO	NW: 7.20 Kg
(Q) QTY: 30000 PCS	GW: 8.20 Kg
	1. RoHS Compliant
	2. MSL: 1
	3. RLRYYFA2

TSC 2D barcode rule for outer box	<b>Rule:</b> []> <sup>R</sup> <sub>S</sub> 06 <sup>G</sup> <sub>S</sub> 20PTSC Product ID <sup>G</sup> <sub>S</sub> PCustomer P/N <sup>G</sup> <sub>S</sub> 1PPart No <sup>G</sup> <sub>S</sub> 9DProduct D/C <sup>G</sup> <sub>S</sub> 10DDate code <sup>G</sup> <sub>S</sub> ZMSL <sup>G</sup> <sub>S</sub> KP/O# <sup>G</sup> <sub>S</sub> MMO# <sup>G</sup> <sub>S</sub> QQty <sup>G</sup> <sub>S</sub> 1TLOT <sup>R</sup> <sub>S</sub> E <sup>O</sup> <sub>T</sub>
2D Barcode Remark	1. Data separated with <sup>G</sup> <sub>S</sub> 2. Start: []> <sup>R</sup> <sub>S</sub> 06 3. End: <sup>R</sup> <sub>S</sub> E <sup>O</sup> <sub>T</sub>
Scanning result	[]>[RS]06[GS]20P802H-031M4212J0000000RLRYYFA2[GS]PCUST-FA2A123456789 [GS]1PS2JH[GS]9DG2AY[GS]10D2201[GS]Z1[GS]KG70917040123456789ABCDEFG [GS]M11560024532A123[GS]Q500000[GS]1TS1-200701-001[RS][EOT]



## **EXAMPLE FOR COMBINED PACKING LIST**



# PACKING LIST EXAMPLE



**TAIWAN  
SEMICONDUCTOR**

## TAIWAN SEMICONDUCTOR CO.,LTD.

11FL.,No.205,Sec.3,Beishin Rd., Xindian Dist.,  
New Taipei City 231, Taiwan  
Tel: +886-2-89131588  
Fax: +886-2-89131788

### Bill to:

TAIWAN SEMICONDUCTOR (H.K) CO. LTD.,  
5/F., MEECO INDUSTRIAL BUILDING,53 – 55, AU  
PUI WAN STREET,FO TAN, SHATIN, NEW  
TERRITORIES,HONG KONG.TELEPHONE : (852)  
2790 - 8881 • FAX :(852) 2790 - 3939

Reg No.:

### Ship to:

Future Electronics Inc (Dist) Pte Ltd  
19 LOYANG WAY #01-08/09/10 CHANGI LOGISTICS CENTRE  
SINGAPORE 508724 ANNT:PRISCILLA TAY T (65) 6808 3583 M (65) 8168  
9143

## PACKING LIST

**Invoice No.:** T-2202641

**Payment Term:** TT-120-CUT25

**Country Of Origin:** XINGANG PORT CHINA

**Invoice Date:** 2022/07/25

**Shipment Term:** FOB TIANJIN

**Ship Method :** SEA

**Currency:** USD

C/NO.	Description	Customer P/N	Customer P/O#	Lot NO.	Prod. D/C	D/C	Qty/PCS	N.W./KGS	G.W./KGS DIM
1A	YBS3007G RAG	YBS3007G RAG	CCJ889(Future-HK)	B550-248	2DB		42,000	10.48	17.48 363*363*368
2A	YBS3007G RAG	YBS3007G RAG	CCJ889(Future-HK)	B550-248	2DB		42,000	10.48	17.48 363*363*368
3A	YBS3007G RAG	YBS3007G RAG	CCJ889(Future-HK)	B589-704	2FB	2211	42,000	10.48	17.48 363*363*368
4A	YBS3007G RAG	YBS3007G RAG	CCJ889(Future-HK)	B589-704	2FB	2211	34,000	8.48	16.23 363*363*368
4A	YBS3007G RAG	YBS3007G RAG	CCJ889(Future-HK)	B589-704	2FB	2212	5,000	1.25	

### Remarks:

- D/C column is added on the revised packing list.
- Shipment using old label format would still show the original data (no D/C information)

**Taiwan Semiconductor Co., Ltd.**

**Headquarters**

11F. No. 25 Sec. 3, Beishin Rd, Shindian District,  
New Taipei City, Taiwan R.O.C.

Phone: +886-2-8913-1788

E-mail: [marketing@mail.ts.com.tw](mailto:marketing@mail.ts.com.tw)

Website: [www.taiwansemi.com](http://www.taiwansemi.com)