

**Compute and Connectivity Division (CCX)**

PSD, Thor, 2P, 100G, OCP 3.0 internal lock

Dell

**Melrose**

BCM957508-N2100D(Q)

Document Number: 810-CX150038-0005

Revision: 001

ELECTRONIC CONTROLLED DOCUMENT

Hardcopy printouts must be verified against the electronic version prior to use.

**Revision History**

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| --- | --- | --- | --- |
| **Revision** | **ECO** | **Description** | **Date** |
| 001 | ECO-256692 | Initial Release | 09-Nov-22 |
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# General Requirements

## Print labels in accordance with this document unless otherwise noted.

## BOM Item Sequence (IS) listed in this document is for reference only. Refer to the model BOM for part number designations.

## All barcodes to contain only the variable data unless otherwise specified.

## Refer to label part number drawings for label formatting.

## Label specific content not found in label drawing should be referenced in the configuration table in this document.

## Not all items are required in each assembly. Refer to the model BOM for specifics.

# Required Labels

|  |  |  |  |
| --- | --- | --- | --- |
| **Label Location** | **Description** | **Label drawing number** | **IS** |
| PCBA | PPID Label Type T | 261-126994-0001 | 45 |
| MAC (Type D) label | 261-126994-0004 | 46 |
| Insulator | Product Factory ID LED label | 261-126994-0168 | 41 |
| PPID Label Type T | 261-126994-0001 | 45 |
| MAC (Type D) label | 261-126994-0004 | 46 |
| Regulatory Label | 261-126994-0186 | 44 |
| ESD Bag | Contents Static Sensitive label | 261-126994-0008 | 26 |
| PPID Label Type T | 261-126994-0001 | 45 |
| Pack Out – Bulk Box | Dell Package Label (Type J) | 261-126994-0009 | 48 |
| Packaging Label with License Plate | 261-126994-0102 | 49 |

# Assembly

## Test assembly per the Manufacturing Test Plan in the Mfg. Ref BoM (IS 1000).

# PCBA & Insulator Labels

## Print Dell (Type T) label (IS 45) and place the label on the secondary side of PCBA.

## Print Dell Type (MAC-D) label (IS 46) and place the label on the secondary side of PCBA.

## Install Insulator as referenced on the PCB A BOM as shown in Figure 1.

## Print Product Factory ID label (IS 41) and place the label on the Insulator as shown in Figure 1.

## Print Dell (Type T) label (IS 45) and place the label on the Insulator as shown in Figure 1.

## Print Dell Type (MAC-D) label (IS 46) and place the label on the Insulator as shown in Figure 1.

## Print Regulatory Label (IS 44) and place the label on the Insulator as shown in Figure 1.

Remark:

1. 16 stride of MAC address per board
2. The labeling location and blue dotted line (divided into 3 different zones) on Mylar is illustrative purposed only.
3. The labels should not cover any of regulatory mark, test points, and components on PCBA.

## 

## 

*Dell MAC-D Label*

**2 mm away from top folding line**

**32 mm away from top folding line**

## 

**XXXXX**

**XX-XX-XX**

**XX-XX-XX**

**MAC**



BCM957XXXXXXXXX REV: XX

CM Part Number

CM Work Order Number

Deviation Number

MM-DD-YY



LED AMB = xxG / GRN = xxG

XXX Made in XXXXX

## 



**Made In XXXXX**

**DP/N:**

**0XXXXX**

**XX-0XXXXX-XXXXX-YMD-XXXX-XXX**

*Dell Type ‘T’ PPID Label*

## 

**3 mm away from bottom folding line**

Figure 1: Secondary Side PCBA

# ESD Bag

## Place tested assembly into ESD bag (IS 25)

## Seal with Static Warning label (IS 26) as shown in Figure 2.

## Print Dell (Type T) Label (IS 45) and place on ESD bag as shown in Figure 2.

## Note: This is a duplicate of the Dell Type ‘T’ label placed on the PCBA.

## 

*Dell Type ‘T’ PPID Label*



Figure 2: Pre-Pack, ESD Bag

# Pack Out – Bulk Box

## Place ESD Bagged products into bulk box (STD 10pcs packaging) with partitions.

## 

Figure 3: Bulk Box - Pack-Out (For illustration purposes only)

## Place Box Cover as shown in figure 4 and seal box.

## Seal bulk box with Security Tape Label (IS 27) and packaging tape as shown in Figure 4.

# 

2 places top and bottom

Figure 4 (For illustration purposes only)

# Box Labels

## Print Dell Package Label (Type J) (IS 48) and place on bulk box as shown in figure 5.

## Print Package Label with License Plate (IS 49) and place on bulk box as shown in figure 5.

Dell Packaging Label

Packaging Label with License Plate

(2 Places, Top and Bottom)

**Figure 5: Bulk Pack Box Label Locations**

|  |  |  |
| --- | --- | --- |
| BROADCOM MODEL | BCM957508-N2100D | BCM957508-N2100DQ |
| Codename | Melrose | |
| DELL PART NUMBER | 2VY37 | |
| DELL REV | A00 | X00 |
| MARKETING / PRODUCT DESCRIPTION | Dell Melrose N2100D Thor 2 x 100G OCP 3.0 Internal Lock | |
| REGULATORY MODEL NUMBER | CX150038 | |
| KOREA CERT NO. | R-R-BCM-CX150038 | |
| EPuP | 10 | |
| UL FILE NAME | E215960 | |
| BSMI CERT NO. | D3B320 | |
| Stride Value | 16 | |
| LED Functions | Amber = 10/50G  Green = 100G | |

Table 1: Configuration Table