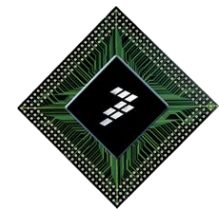


# SC8156 & SC8154 IBM Final Test Packing Label Change

PCN Update Notification # 14251A

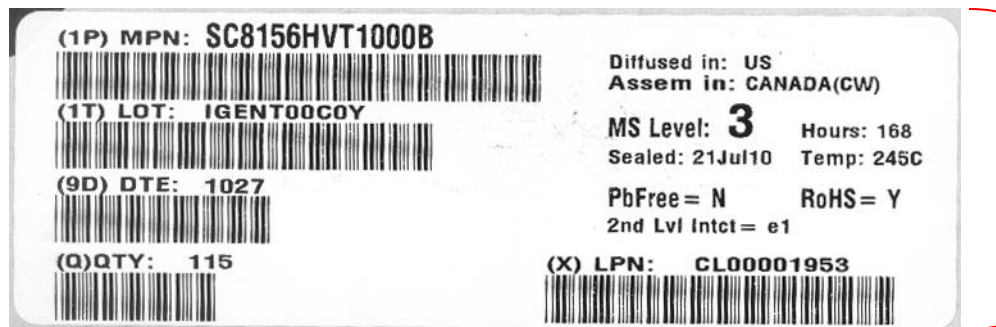
20Aug10



# SC8156/54 Packing Label Change

- ▶ This change notification is an update to Notification #14251: Addition of 8156 Final Test Facility at IBM and Device Marking.
  - Only affects SC8156 and SC8154 material being tested and shipped from IBM Test.
  - Adding additional Package ID barcode to the existing intermediate box label to improve packing traceability of material coming from IBM test.
  - No change to the content or format of the current information.
  - Only an additional line will be added to the intermediate box label.
- Change to the size of the moisture barrier bag label size to be more compatible with IBM internal processes.
- No change to the content or format of the current information on the MBB label

# SC8156/54 Intermediate Box Label Change



Intermediate box label for material tested at KLM Test

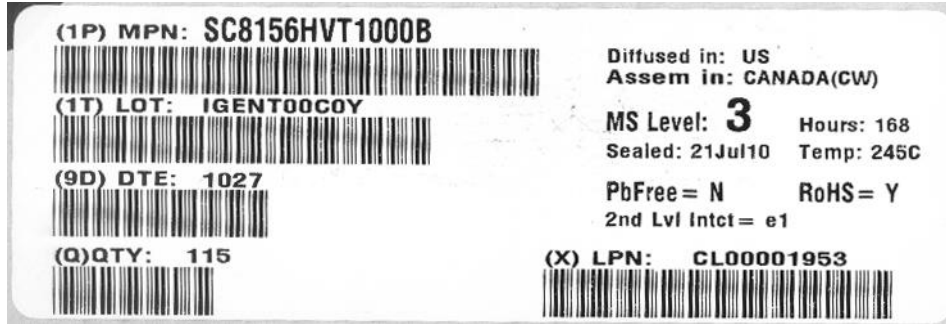


New intermediate box label for material tested at IBM Test

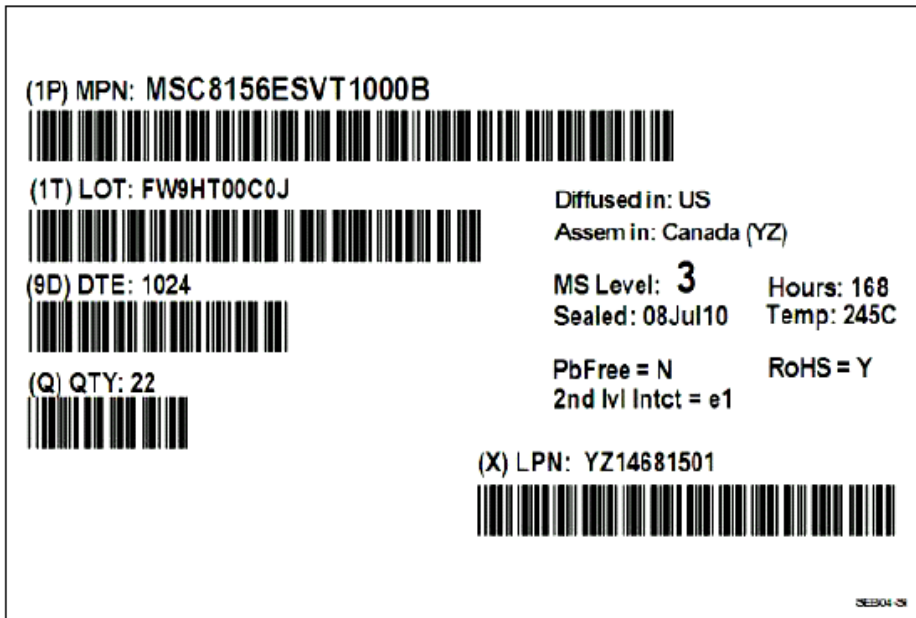
Additional data used for packing traceability at IBM

Images Shown in this presentation are for likeness only.  
Data used is for example purposes only.

# SC8156/54 Moisture Barrier Bag Label Change



MBB label for material tested at KLM Test



New MBB label for material tested at IBM Test

Actual label size: 3.0" x 4.5"

Images Shown in this presentation are for likeness only.  
Data used is for example purposes only.

# 8156/54 Packing Label Bar Code 39 Data Fields

- ▶ **(1P) MPN:**
  - Freescale's Part Number
  - Max Data Characters: 16 (+2 DI)
- ▶ **(1T) Lot:**
  - IBM's Mfg ULL Batch/Lot (Max
  - Max Data Characters: 10 (+2 DI)
- ▶ **(9D) DTE:**
  - Mfg Date Code (YYWW)
  - Max Data Characters: 4 (+2DI)
- ▶ **(Q) QTY:**
  - Quantity contained in immediate container
  - Max Data Characters: 6 (+1 DI)
- ▶ **(X) LPN:**
  - Freescale's License Plate Number
  - Max Characters: 10
  - 1st two characters define location code (YZ)
  - Followed by a unique alphanumeric number scheme
- ▶ **Diffused in**
  - Country of Chip
- ▶ **Assem in**
  - Country of created module
- ▶ **MS Level**
  - Defined moisture sensitive level
- ▶ **Hours**
  - Floor life of product after the seal is broken on the moisture barrier bag
- ▶ **Temp**
  - Defined temp range as defined by Jedec
- ▶ **Sealed**
  - Date label generated (DDMMYY)
- ▶ **PbFree**
  - = Y (yes) or N (no) indicator based lead level
  - Pbfree = Y for parts are Lead Free.
  - Pbfree = N if parts are 2nd lvl intct lead free or leaded.
- ▶ **2nd lvl Intct**
  - = as defined by identified e-category to part
- ▶ **RoHS**
  - = Y (yes) or N (no) indicator based part compliance to EU directive
- ▶ **(3S) PACKAGE ID**
  - Intermediate container traceability code