



**MICROCHIP**

**FUNCTIONAL TEST AND DROP TEST RESULT**

**PCN #: KSRA-23LPHB699**

**Date  
May 22,2019**

**Implement new packing material (non-bakeable tray) for selected products available in 100L TQFP (14x14x1mm) package at MMT assembly site. The selected products available 64L TQFP package will qualify by similarity (QBS).**

**Purpose** Implement new packing material (non-bakeable tray) for selected products available in 100L TQFP (14x14x1mm) package at MMT assembly site. The selected products available 64L TQFP package will qualify by similarity (QBS).

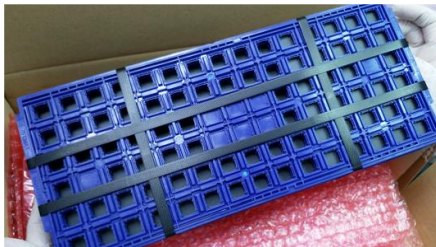
**CCB No** 3845 and 3845.001

**Functional Test and Drop Test**

**Drop Test Procedure:**

1. Visual inspection before test
2. Original package
3. Drop at height 1 m. 7 times
4. Visual inspection after tested

Stripping tray



Rubber sheet (inbox)



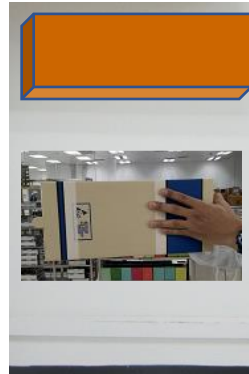
Completed package



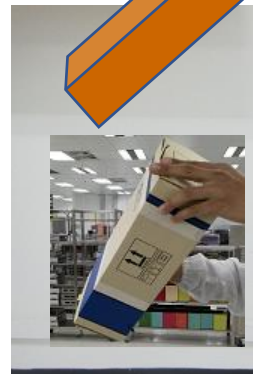
Side 6 bottom



Side 5



Side 2



Corner side 2-4



Corner side 3-5



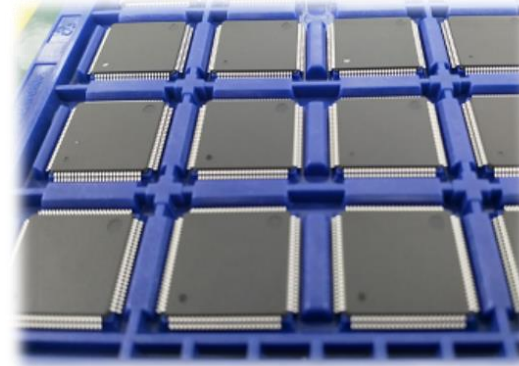
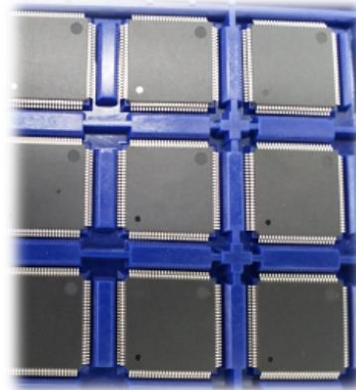
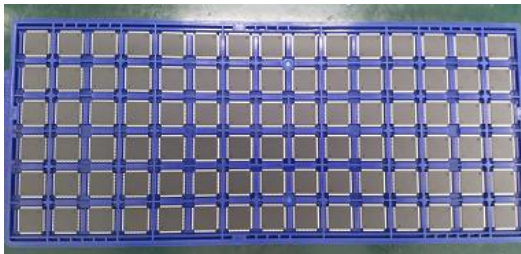
Side 4



Corner side 2-6

**Result of Drop Test :**

<b>Package</b>	<b>Drop height (m.)</b>	<b>Qty.</b>	<b>Result</b>
100 TQFP	1	10 tray / 900 units	Passed

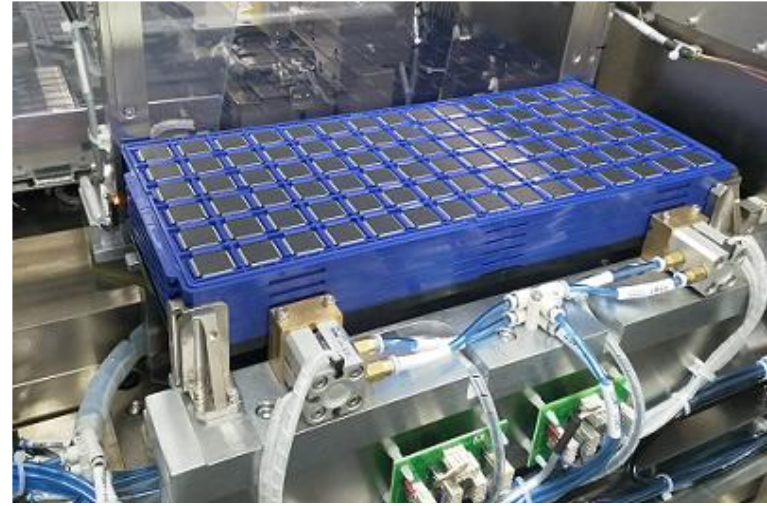
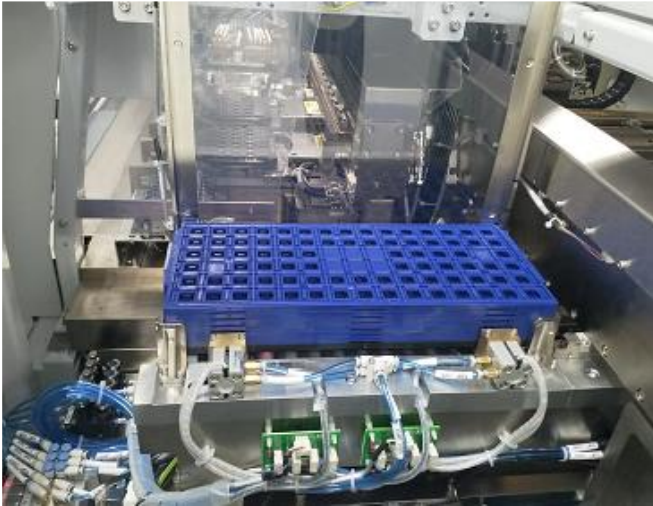


**Conclusion :**

- DROP TEST is Accept.
- Package have no defect.
- 100% Yield

**Functional Test :**

- *TRAY 100 TQFP 14X14 ,*
- *M/C # ASM model MPENIX*
- *Auto running 50 strips (1500 units)*



**Conclusion :**

- ❑ **FUNCTIONAL TEST is Accept**
- ❑ **Machine don't jam.**
- ❑ **100% yield, Have no defect**