



MACRONIX INTERNATIONAL CO., LTD.

Product/Process Change Notice

PCN # P-1701-0004

Date: 2017/05/23

Dear Customer:

Please be informed that Macronix will change the shipping box dimension/orientation for Tape & Reels, Trays, and Tubes beginning Aug., 2017.

The aim of this change is to improve handling at packing/shipment operations (by showing the labels on the box opening side for less chances of making packing mistakes) and to make the shipment more environmental friendly (by reducing the cardboard usage on the partial boxes).

The changes are only limited to the inner boxes and partial boxes' dimension/orientation, so the customers' shipment receiving operations should not be affected or altered. The customer would even be able to inspect the labels on the inner boxes more easily (without removing the inner boxes from the outer box).

The detailed information about this change is described in the following pages.

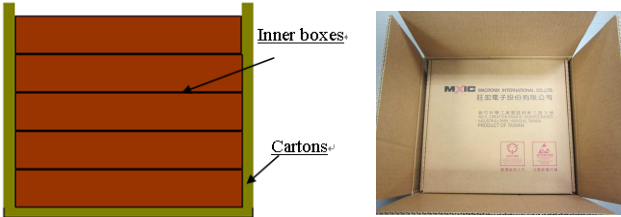
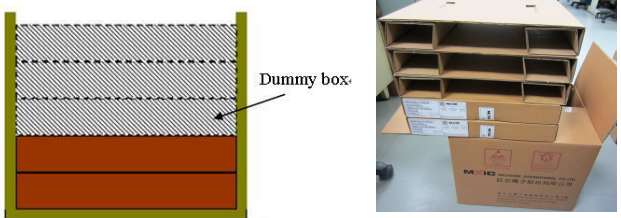
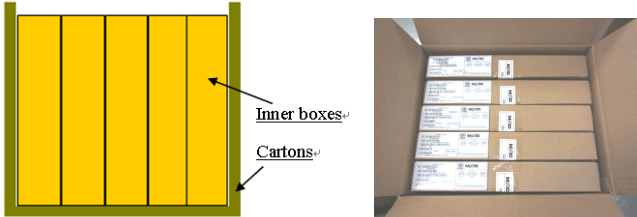

If you have any questions, concerns, or requests about this change, please contact your local Macronix Sales Representatives within 30 days, otherwise Macronix will assume the customer received the PCN with no comments and the change is acceptable to the customer. Macronix follows JEDEC J-STD-046, it stipulates: ".....Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change".

Thank you.

Macronix International Co., Ltd.

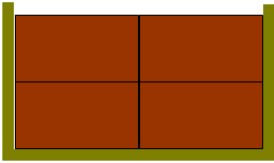
旺宏電子股份有限公司

(Note: For the customers who receive Macronix PCNs via distributors, Macronix will assist the distributors to convey the PCNs to the customers. It is each distributor's responsibility to communicate and track the responses of each customers and report back to Macronix, the distributor shall assume full responsibilities if failed to do so.)

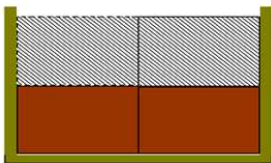
PCN No.: P-1701-0004	Issue Date : 2017/05/23
Subject: Change shipping box dimension and orientation	
Change Category: Packing/shipping specification change	
<p>Affected Products: All Macronix shipments consist of the following carrier types</p> <ol style="list-style-type: none"> 1) Tape and Reel 2) Tray 3) Tube <p>(only the box' orientation and dimension are changed, the cardboard's material/thickness/strength have no change)</p>	
<p>Reason of Change: To improve packing efficiency, and to be more environmental friendly.</p>	
Before Change :	After Change :
<p>1) Tape and Reel</p> <p>a). Full box (side view) (top view)</p>  <p>b). Partial Box (side view)</p> 	<p>1). Tape and Reel</p> <p>a). Full box (side view) (top view)</p>  <p>b). Partial Box (side view)</p>  <p>(Note: if there are 3 to 4 remaining inner boxes, a full outer box with 1 or 2 empty dummy inner boxes will be used to fill up the space)</p>

.2). Tray

a). Full box
(side view)



b). Partial Box
(side view)



2). Tray

a). Full box

No change

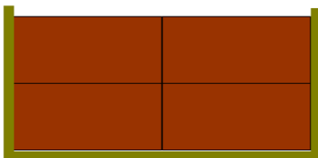
b). Partial Box
(side view)



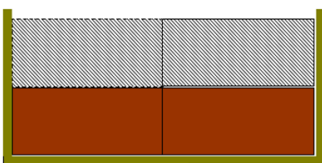
(Note: if there are 3 remaining inner boxes, 1 full outer box with 1 dummy inner box will be used to fill up the space)

3). Tube

a). Full box
(side view)



b). Partial Box
(side view)



3). Tube

a). Full box

No change

b). Partial Box



(Note: if there are 3 remaining inner boxes, 1 full outer box with 1 dummy inner box will be used to fill up the space)

Product identification:

No change

Assessment Result:**Reliability:**

1. passed drop test

Green product

1. meets RoHS requirement (no cardboard material change)

Implementation Schedule:

1st shipping date: Aug. 1st, 2017

(Note: There's an overlap period, so mixture of old and new packing materials is expected until the old materials are depleted)