



**Integrated Device Technology, Inc.**

6024 Silver Creek Valley Road  
San Jose, CA 95138 USA

## **Manufacturing Bulletin**

**Subject: BGA 4x4.5 mm (AD/ADG 28) Tray Conversion**

**Date: 15 Aug 2011**

**This notification is to advise our customers that IDT has qualified a new shipping tray type for 4mm x 4.5mm BGA-28 package and will convert to the new shipping trays for shipment effective October 03, 2011.**

**There are changes in the tray pocket dimensions/design. However, there are no changes to tray outer dimensions and number of units per tray.**

**The new tray provides better protection against possible damage during transportation for customer shipments.**

**Refer to attachment I for new and old tray top view differences.**

### **Tray Dimension:**

<b>Description</b>	<b>Existing Tray</b>	<b>New Tray</b>
Tray Outer Dimension Length x Width	135.9 x 322.6 mm	135.9 x 322.6 mm
Tray Pocket Dimension Length x Width x Depth	4.20 x 4.70 x 1.00 mm	4.25 x 4.75 x 1.30 mm

### **Changes on New Tray:**

<b>Description</b>	<b>Reason for Change</b>
Pocket dimension/design	To ease the detection of double units inside tray pocket. (refer to attachment II(a))
Bottom tray pocket with 4 humps	To prevent unit sticky problem due to ESD static. (refer to attachment II(b) )

**Yours sincerely,**

**LS Koay**

**Manager, Product Assurance**

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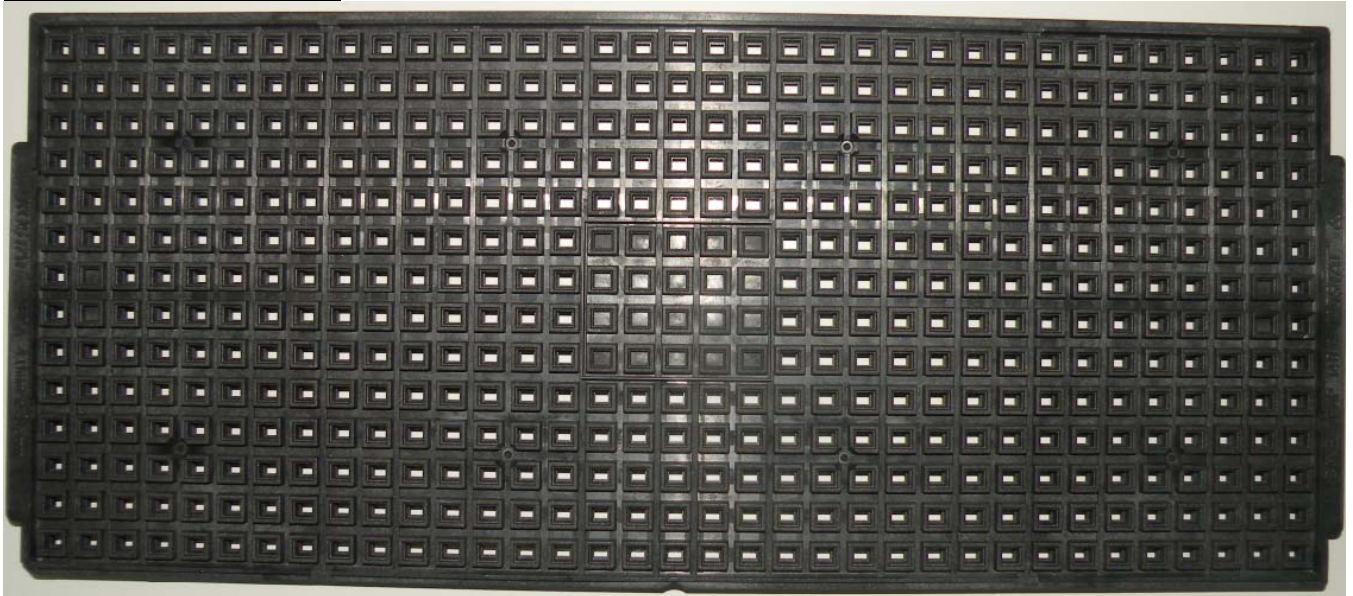
San Jose, CA 95138 USA

## Manufacturing Bulletin Attachment I

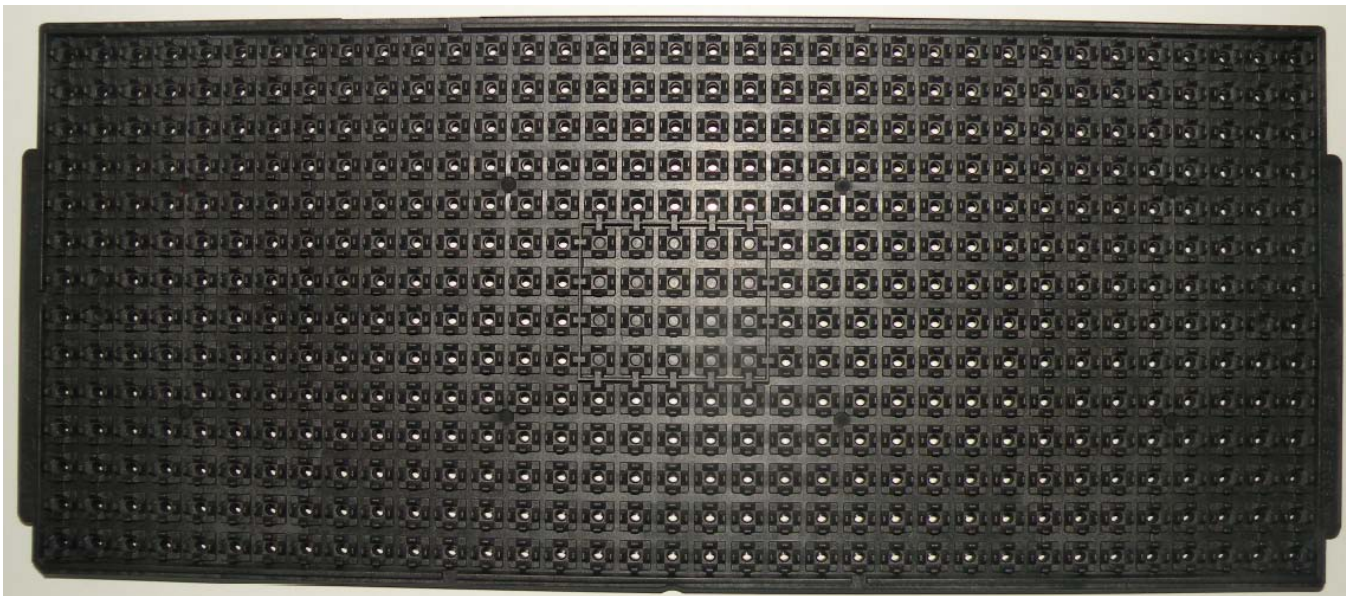
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### Old Tray (Top View)



### New Tray (Top View)





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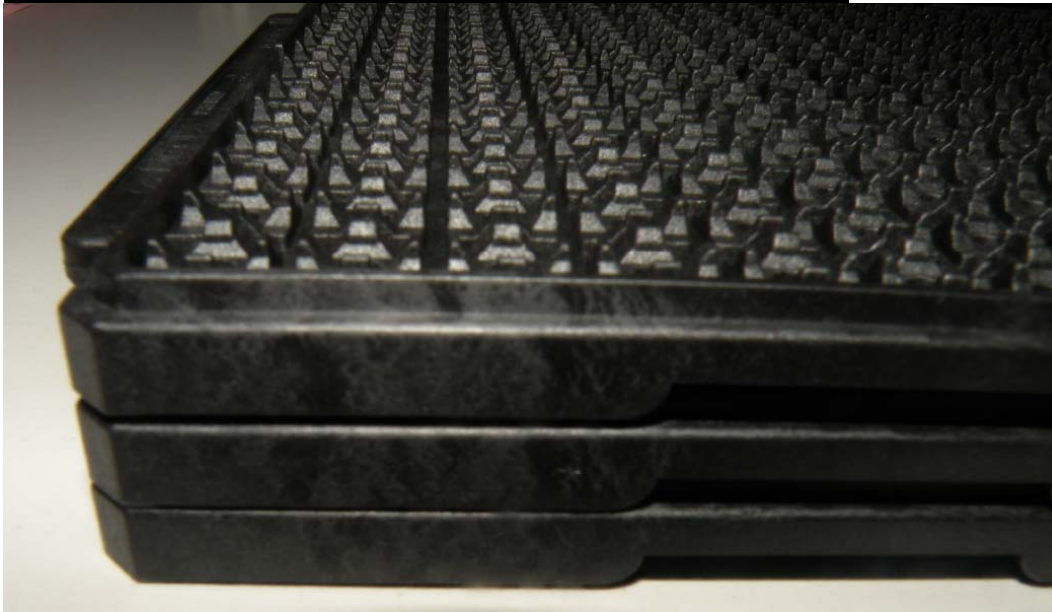
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## **Manufacturing Bulletin** **Attachment II**

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**(a) New Tray ( has gap if double units per pocket )**



**(b) New Tray (Bottom tray pocket with 4 humps )**

