

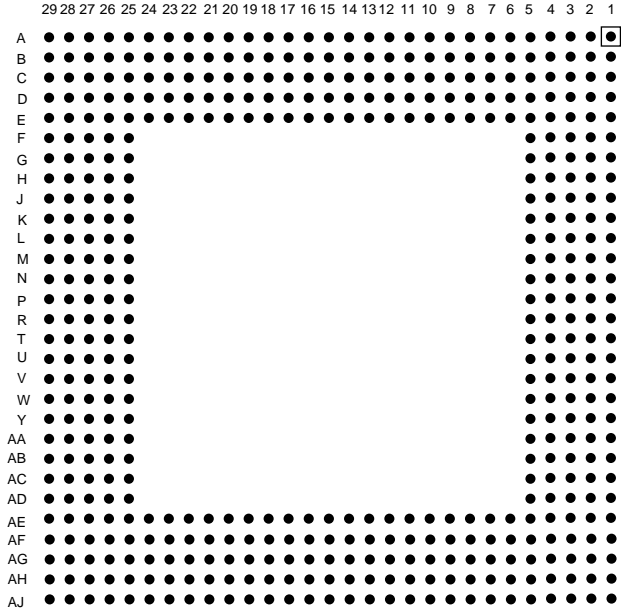


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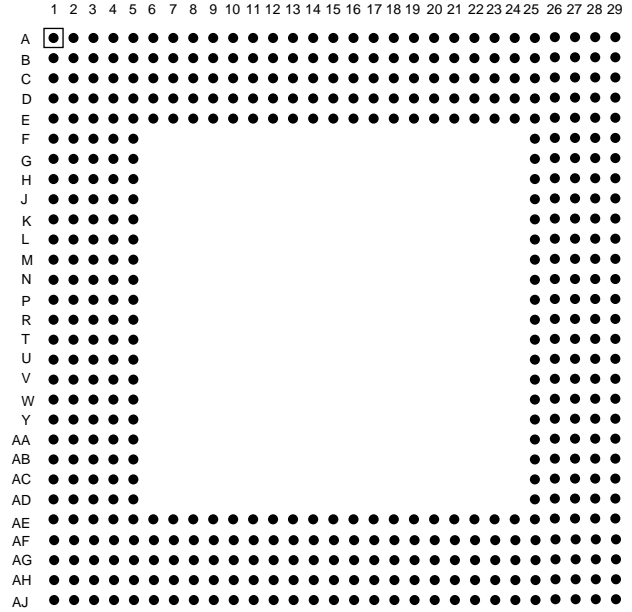
# SBGA480T1.27-ISO

| <u>balls</u> | <u>pitch</u> | <u>size</u> | <u>matrix</u> | <u>rows</u> | <u>center</u> | <u>mat'l</u> |
|--------------|--------------|-------------|---------------|-------------|---------------|--------------|
| 480          | 1.27mm       | 37.5mm      | 29 x 29       | 5           | none          | BT           |

### Ball View



### Bottom Side (Top X-Ray View)



Test Vehicle Board

After Mounting to Test Board

# SBGA480T1.27-ISO

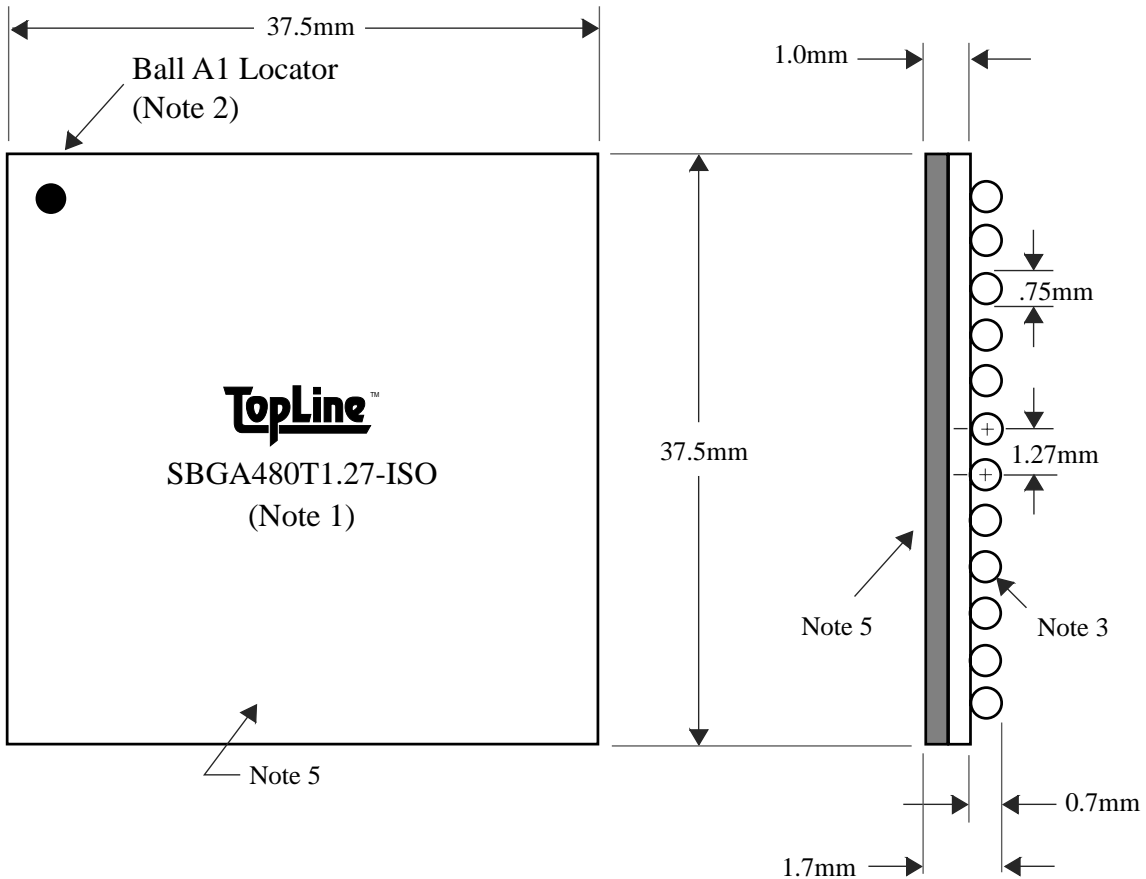


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| <u>balls</u> | <u>pitch</u> | <u>size</u> | <u>matrix</u> | <u>rows</u> | <u>center</u> | <u>mat'l</u> |
|--------------|--------------|-------------|---------------|-------------|---------------|--------------|
| 480          | 1.27mm       | 37.5mm      | 29 x 29       | 5           | none          | BT           |

**Top View**

**Side View**



| <b>notes</b> |   | <b>revisions</b>                    |             |                |
|--------------|---|-------------------------------------|-------------|----------------|
| Note 1       | Logo and part number centered             | <u>Rev</u>                          | <u>Date</u> | <u>Changes</u> |
| Note 2       | Ball A1 locator mark positioned in corner |                                     |             |                |
| Note 3       | Ball Material: 63/37 SnPb                 | <b>packaging trays (see note 4)</b> |             |                |
| Note 4       | Substrate Material: BT laminate           | Tray BGATRAY37.5-3x7                |             |                |
| Note 5       | Metal heat sink. Die cavity down          | Tray Quantity 21                    |             |                |
|              |   | Tray Suppliers (ref):               |             |                |