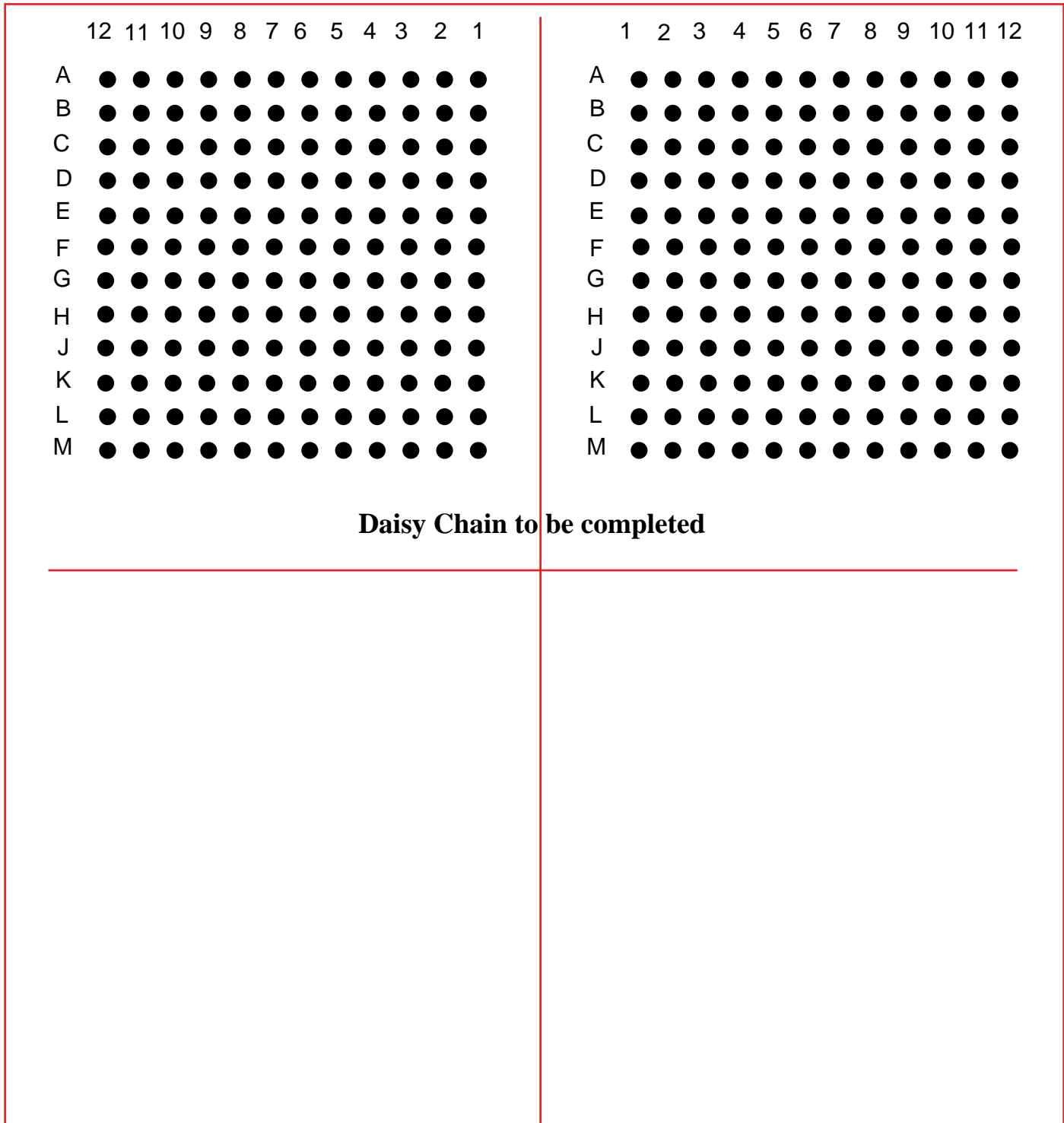


| <u>BALLS</u> | <u>PITCH</u> | <u>SIZE</u> | <u>MATRIX</u> | <u>ROWS</u> | <u>CENTER</u> | <u>MAT'L</u> |
|--------------|--------------|-------------|---------------|-------------|---------------|--------------|
| 144          | 1.0mm        | 13mm SQ     | 12 x 12       | full        | full          | BT           |

### BALL VIEW

### BOTTOM SIDE (TOP X-RAY VIEW)



Daisy Chain to be completed

TEST VEHICLE BOARD

AFTER MOUNTING TO TEST BOARD

# CSP144T1.0-DC127

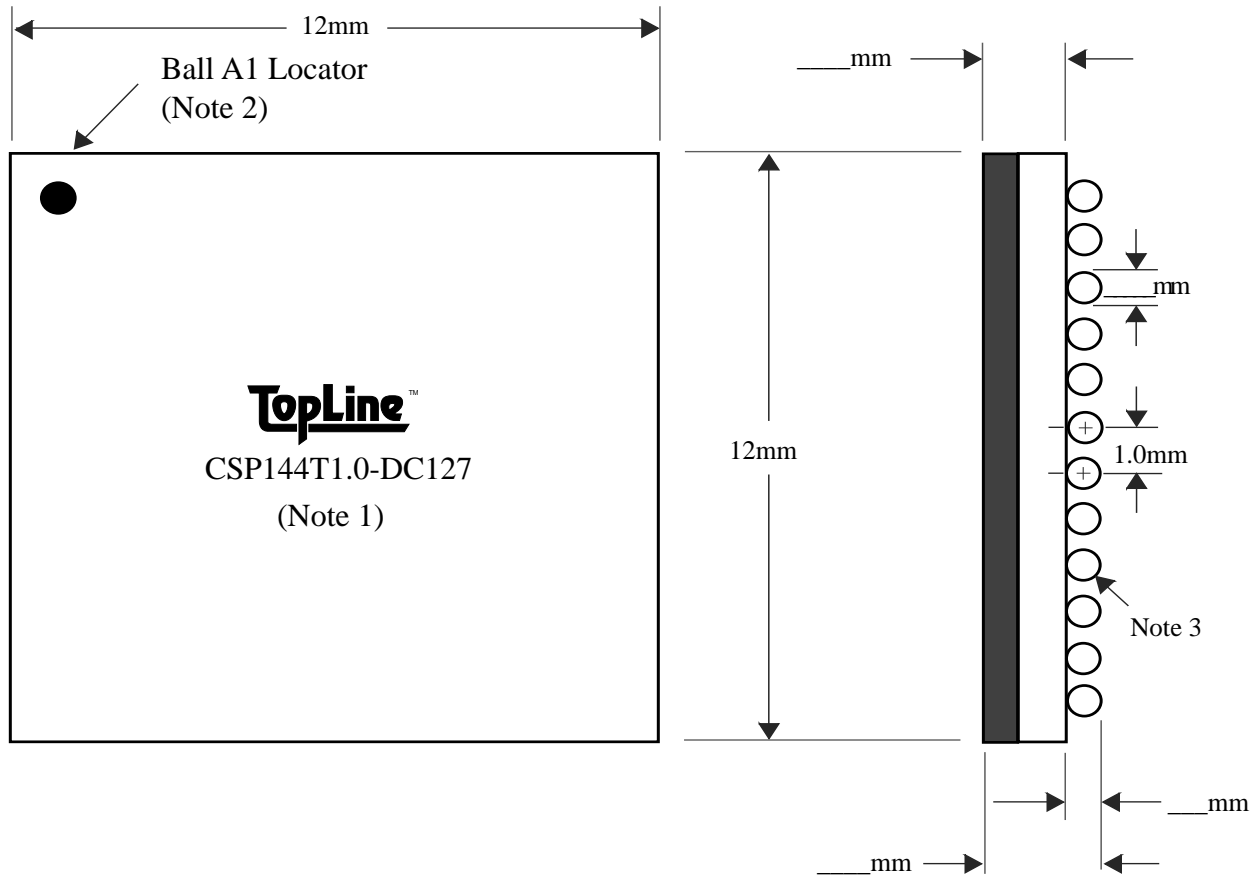


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| <u>BALLS</u> | <u>PITCH</u> | <u>SIZE</u> | <u>MATRIX</u> | <u>ROWS</u> | <u>CENTER</u> | <u>MAT'L</u> |
|--------------|--------------|-------------|---------------|-------------|---------------|--------------|
| 144          | 1.0mm        | 13mm SQ     | 12 x 12       | full        | full          | BT           |

**TOP VIEW**

**SIDE VIEW**



| NOTES  |   | REVISIONS              |                            |
|--------|---|------------------------|----------------------------|
| 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 |                        | 11/14/98 Proposed Design   |
| Note 3 | Ball Material: 63/37 SnPb                 | <b>PACKAGING TRAYS</b> |                            |
| Note 4 | Substrate Material: BT Laminate           | Tray BGATRAY _____     |                            |
|        |   | Tray Quantity _____    |                            |
|        |   | Tray Suppliers (ref):  |                            |