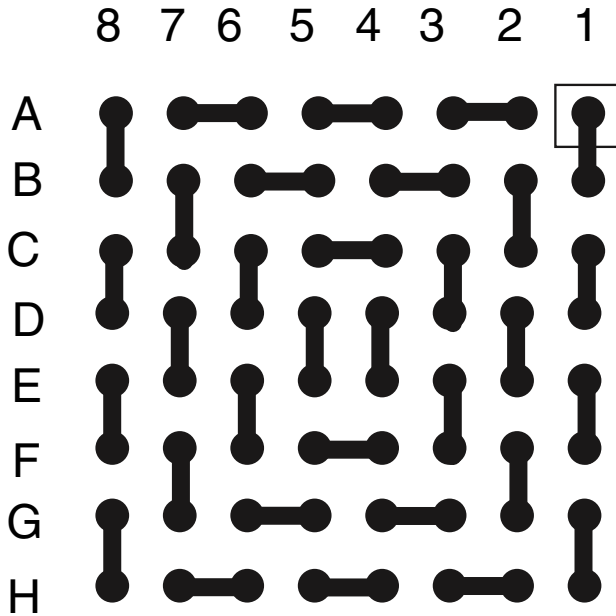
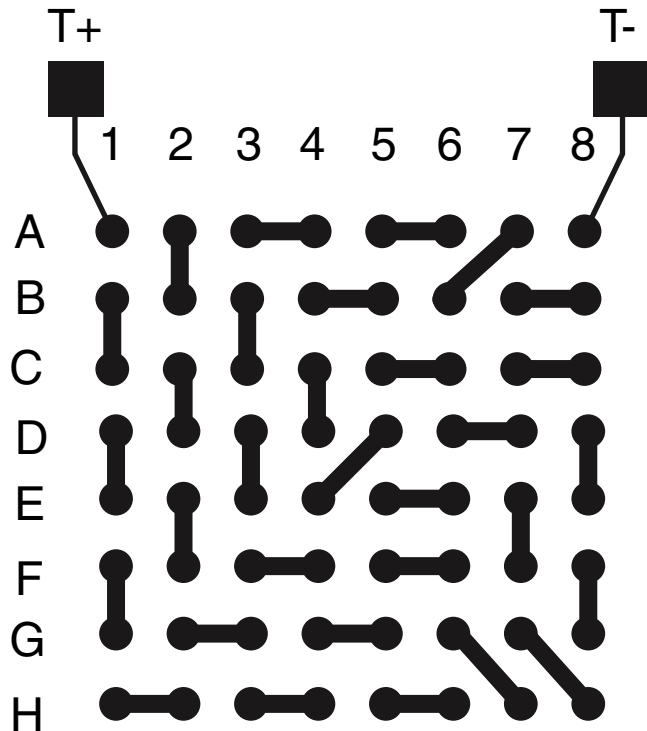
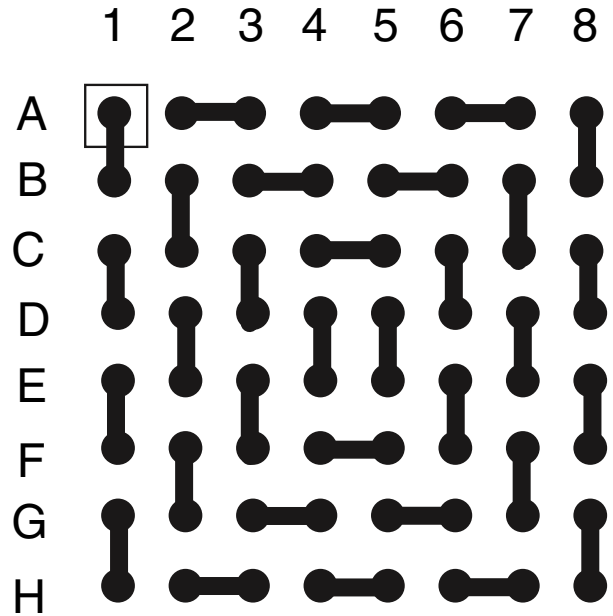


| <u>BALLS</u> | <u>PITCH</u> | <u>SIZE</u> | <u>MATRIX</u> | <u>ROWS</u> | <u>CENTER</u> | <u>MAT'L</u> |
|--------------|--------------|-------------|---------------|-------------|---------------|--------------|
| 64 | 0.8mm | 8mm SQ | 8 x 8 | full | full | BT |

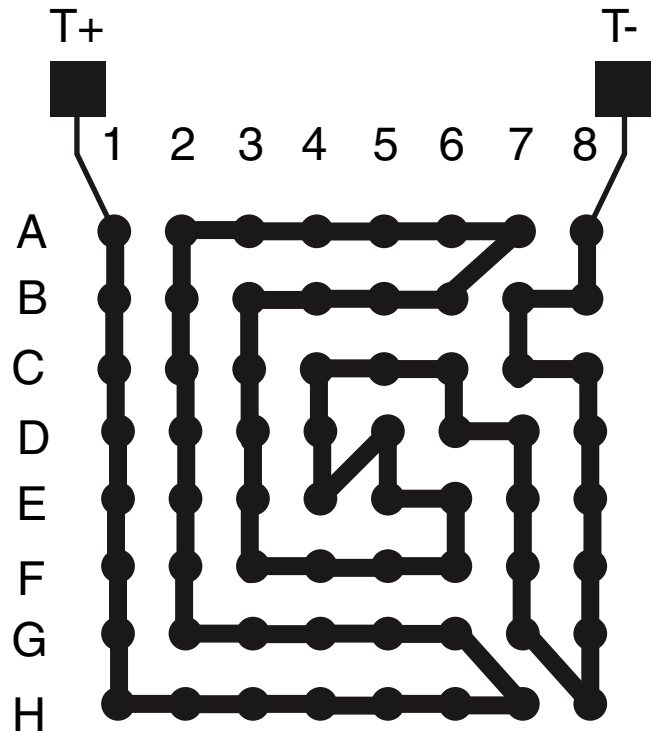
BALL VIEW



BOTTOM SIDE (TOP X-RAY VIEW)



TEST VEHICLE BOARD



AFTER MOUNTING TO TEST BOARD

BGA64T.8C-DC089 Lead Free

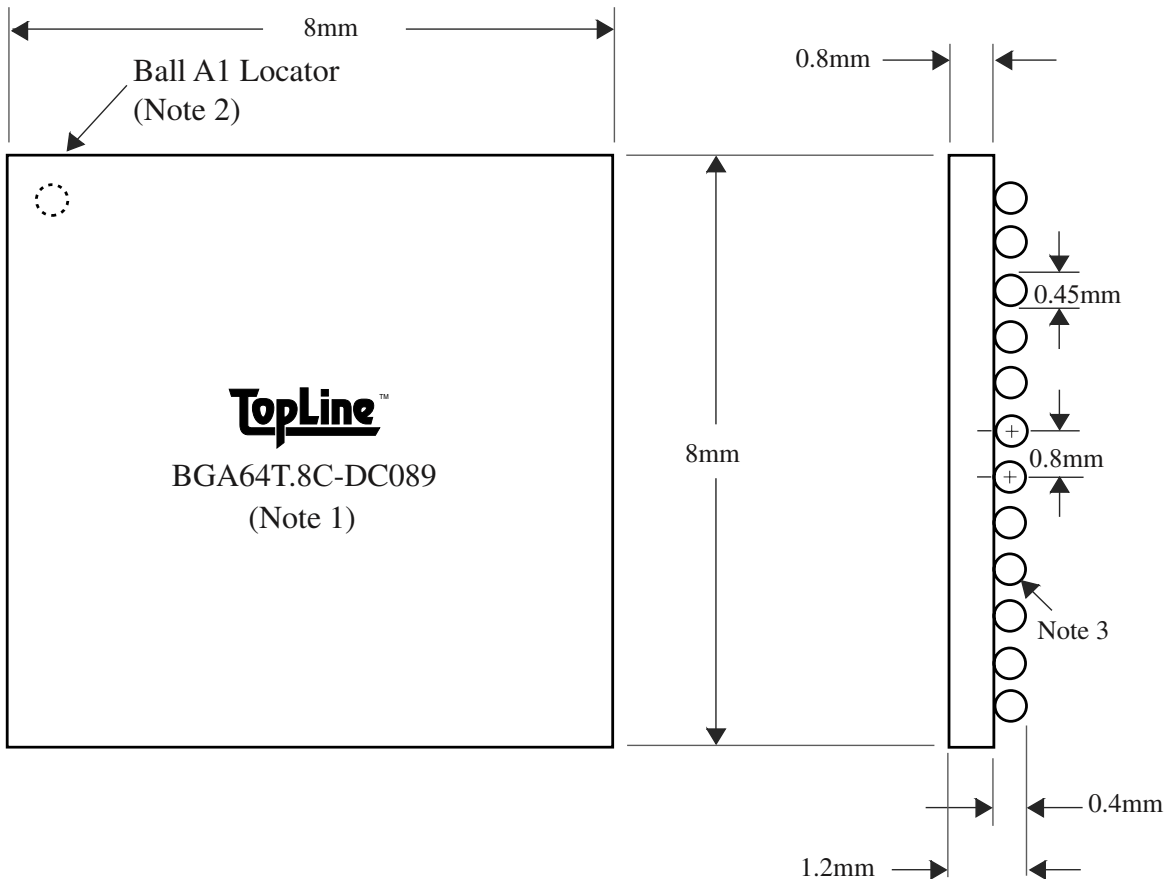


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info@topline.tv

| <u>BALLS</u> | <u>PITCH</u> | <u>SIZE</u> | <u>MATRIX</u> | <u>ROWS</u> | <u>CENTER</u> | <u>MAT'L</u> |
|--------------|--------------|-------------|---------------|-------------|---------------|--------------|
| 64 | 0.8mm | 8mm SQ | 8 x 8 | full | full | BT |

TOP VIEW

SIDE VIEW



| NOTES | | REVISIONS | | |
|--------|---|--|-------------|----------------|
| Note 1 | Logo and part number centered White ink on black solder mask | <u>Rev</u> | <u>Date</u> | <u>Changes</u> |
| Note 2 | Ball A1 locator mark positioned in corner | | | |
| Note 3 | Ball Material: Sn Ag Cu | | | |
| Note 4 | Substrate Material: BT laminate | | | |
| | | PACKAGING TRAYS | | |
| | | Tray BGATRAY8mm-11x29 Tray Quantity 319 | | |