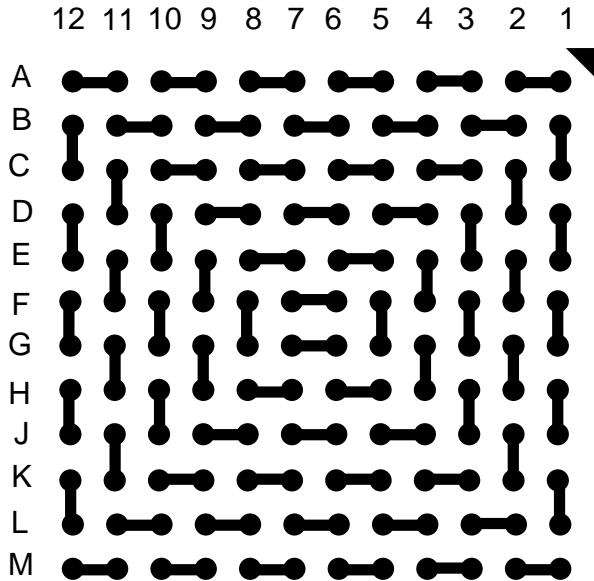
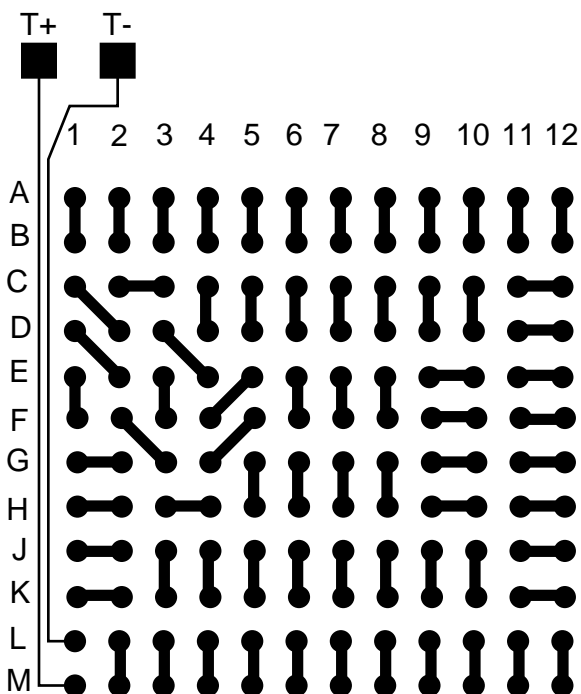
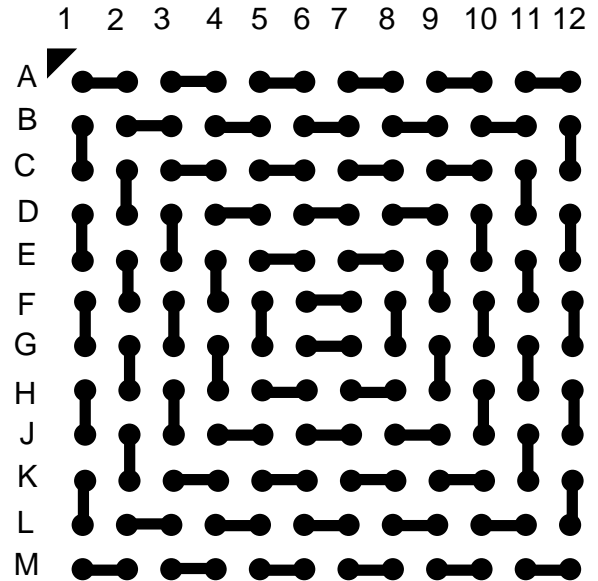


BALLS	PITCH	SIZE	MATRIX	ROWS	CENTER	MAT'L
144	0.8mm	12mm SQ	12 x 12	full	full	FR4

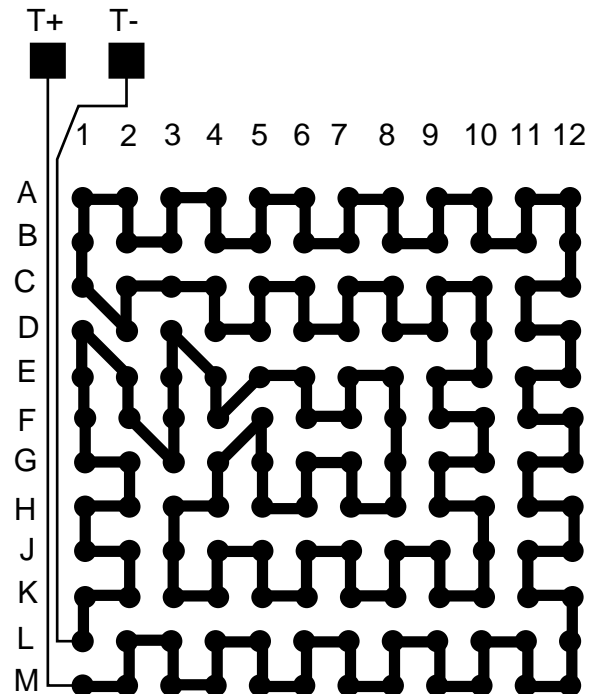
**BALL VIEW**



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



**TEST VEHICLE BOARD**



**AFTER MOUNTING TO TEST BOARD**

# LBGA144T.8C-DC128 Lead Free

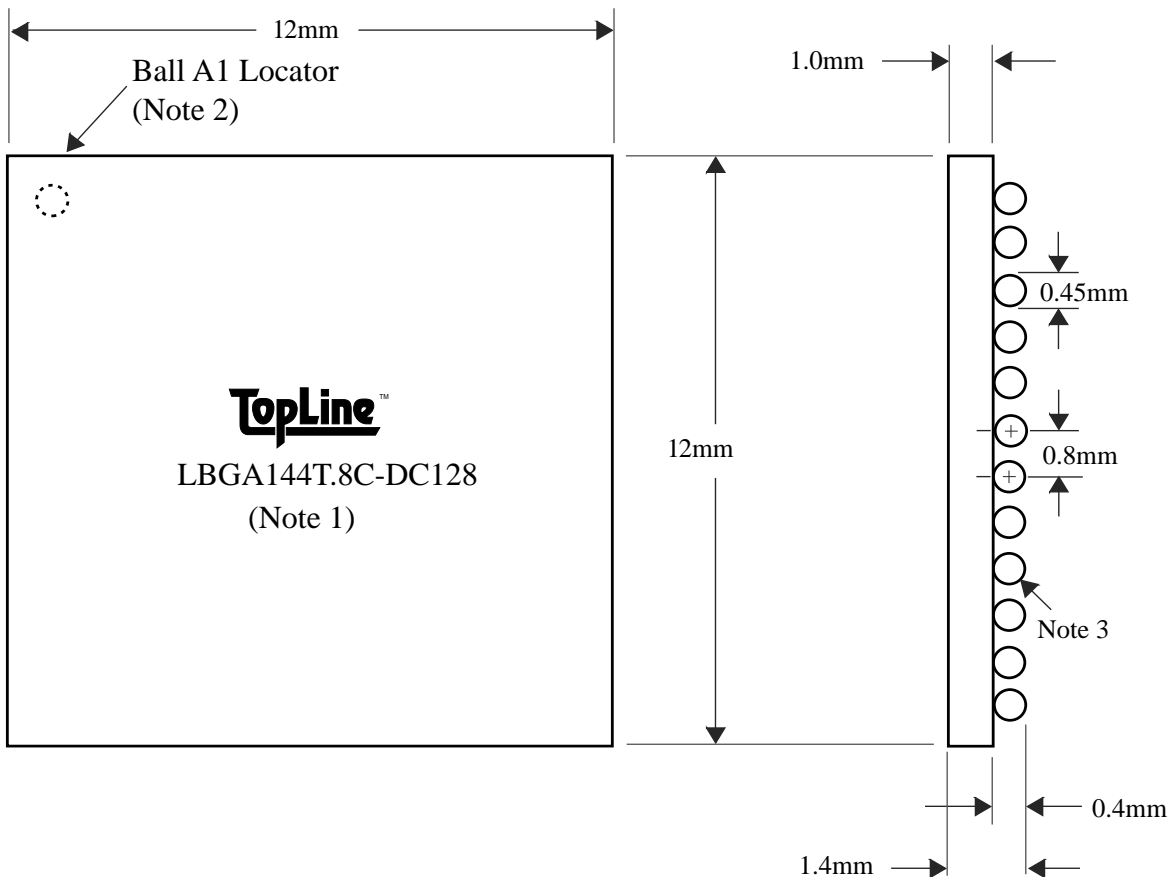


TEL 1-714-898-3830  
info@topline.tv

<u>BALLS</u>	<u>PITCH</u>	<u>SIZE</u>	<u>MATRIX</u>	<u>ROWS</u>	<u>CENTER</u>	<u>MAT'L</u>
144	0.8mm	12mm SQ	12 x 12	full	full	FR4

**TOP VIEW**

**SIDE VIEW**



NOTES		
Note 1	Logo and part number centered White ink on black solder mask	
Note 2	Ball A1 locator mark positioned in corner	
Note 3	Ball Material: Sn96.5 Ag3.0 Cu0.5	
Note 4	Substrate Material: FR4	
		PACKAGING TRAYS
		Tray BGATRAY12mm-9x21 Subject to Change Tray Quantity 189 Subject to Change