



**MECHANICAL DESCRIPTION OF BOARD
MAX19692/19693 EVALUATION KIT REV-B**

**This is a 12-layer 100 OHM differential controlled impedance board.
Please review layer profile for layer stack up.**

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|--|--|
| Material: | Epoxy Glass FR4 and Rogers4003C |
| Size: | 4.500" X 5.400" |
| Thickness: | 0.092" |
| Layers: | 12 |
| Solder Mask: | LPI GREEN, TAIYO PSR-4000 |
| Solder Mask Aperture Tolerance: | +/-0.0005" |
| Legends: | 2 sides. White (clipped all legends from exposed metal) |
| Copper Clad Finish: | 1 OZ |

VENDOR LOGO & DATE CODE: **Allow in Ink on bottom side only.**

PLATING:

| | |
|--------------------|---|
| Finish: | 3-8u" Immersion Au over 100u" Ni |
| Thru Holes: | 0.001" min |

| | |
|----------------------------|------------|
| SURFACE MOUNT PADS: | 598 |
|----------------------------|------------|

TOLERANCES:

| | |
|---------------------------|-------------------|
| Board Dimensions | +/- 0.010" |
| Plated-Thru Holes: | +/- 0.003" |
| Pattern-to Pattern | +/- 0.005" |
| Legend to Legend | +/- 0.007" |

Drill Schedule is located on the Drill Plot.

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