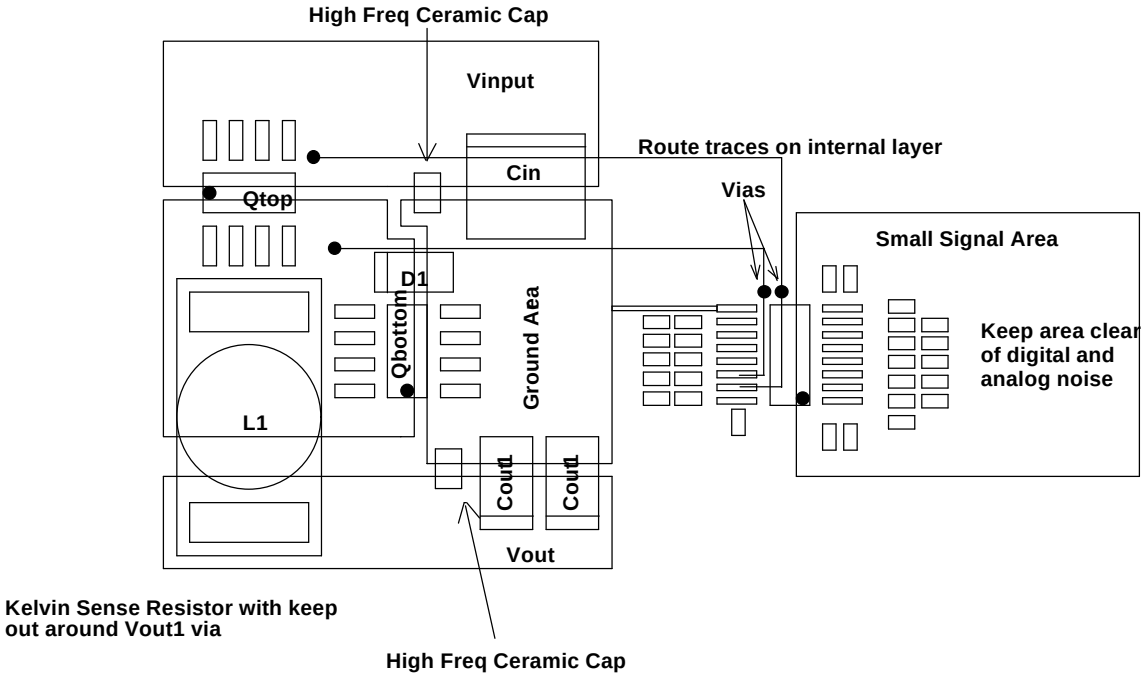


**Notes:**
**All Components shown are placed on the top side of the board**
**The Linear Tech Controller IC, shown here on top side, can be placed on either bottom side or top side**
**Orientation of Linear Tech IC must be with pin 1 positioned away from the high current circuitry**
**All components shown are connected with copper shapes including ground**
**Center section between Cin(s) and Cout(s) is a continuous copper ground shape**
**All areas between components should be copper filled to help remove heat from components**
**Decoupling caps must be located close the IC pins**
**All components associated with pin 1 side of IC should be located relatively close to this side of the IC**
**15 - 20 mils of 1oz copper per amp of current - rule of thumb**

| | | |
|---|---|---|
| Title | **LTC1625 Component Placement Diagram** | |
| Size B | Document Number | Rev 1 |
| Date: Friday, May 24, 2002 | Sheet 1 of 1 | |