**Layout Guidelines for 31-0009 Rev 1**

1. Reference files
   1. Mechanical drawing: 31-0009-1\_Mech.PDF
   2. Schematic: 31-0009-1\_Schematic.pdf
   3. Netlist: 31-0009-1\_NetList.asc
2. This board requires a ground planes on both the top and bottom for the purposes of shielding low frequency (<1KHz) interference.
3. This should be a 4-layer board. All nets other than “GND\_SIGNAL” should be routed on the inner layers as much as practical.
4. No trace on the board carries more than 1mA, so the trace width can be small.
5. There are no impedance requirements as this is a low frequency application.