

General Notes

Diodes

Diodes except for the LED are case type SOD-323.

LED is size T-1 3/4, 50mA minimum, and must have no more than 2.0V forward voltage at 50mA current.

Resistors

R1 is 1/2W, axial lead (may be carbon film or metal oxide). leave 1mm clearance below R1 for heat dissipation.

Unless otherwise specified, resistors are thin film (metal film), 1/10W or 1/16W, 5% (or better), size 0805

Unless otherwise specified, actual value used may be a standard 5% or 1% value within 10% of value shown

Capacitors

Unless otherwise specified, capacitors are X7R ceramic 10V (or higher), 20% (or better), size 0805

22uF capacitor may be X5R ceramic or low-ESR tantalum 10V (or higher), 20%, size B/C/D/3528/6032/7343/3216/1210/1206

2.2uF capacitor may be X5R, size 0805 or 1206.

Circuit Board

The circuit board for this design is labeled "Quad LNA Daughter v1.1a" with date 02/08

The circuit board has 4 independent copies of the circuit.

Mother Board

This design should be used with LNA Mother Board Rev 1.1 dated 2/22/08

CSO Electronics Caltech		
LNA Daughter Board		
F. Rice	Rev 1.1a 2/15/08	Page 4 of 4