

Evaluation Board: MINIEVAL

The MINIEVAL evaluation board can be used with Z-COMM VCOs in the MINI package. Model numbers are: VxxxMExx, VxxxMCxx, CLVxxxxx, CROxxxxx, and SLVxxxxx.

The topology of the MINIEVAL was designed with simplicity in mind. Only the essential components required for VCO evaluation are included. This allows great flexibility on the Vcc, Vtune, and RF Output.

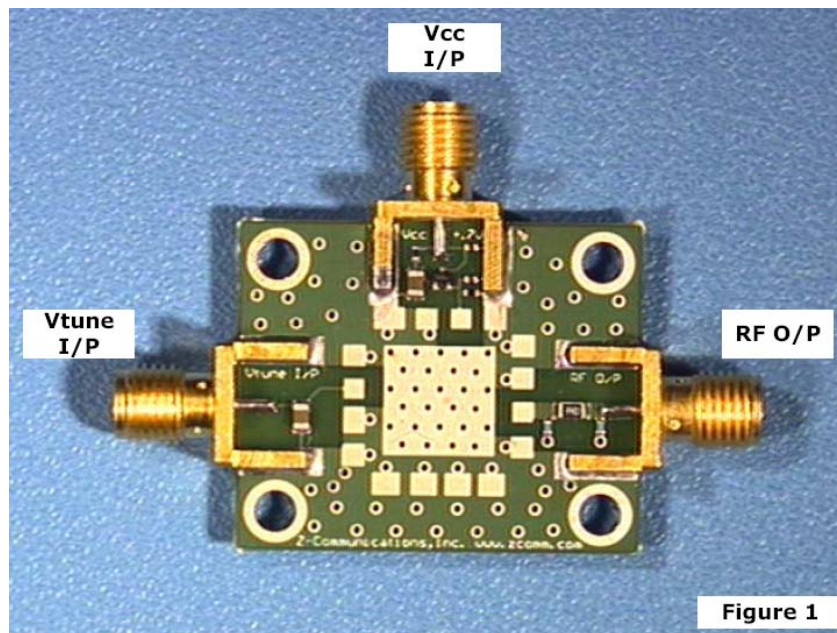


Figure 1 shows the layout and pin-out of the MINIEVAL. Input/Output circuits are as follows.

Vtune: Shunt bypass capacitor for tuning voltage filtering, 4.7 μ F.

RF Out: 6 dB resistive attenuator, 2 150 Ω shunt Resistors and 1 series 39 Ω Resistor provides isolation from external load.