**Evaluation Board and Circuit**

**Schematic Diagram**

**COMPONENT** | **VALUE**
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A1 | Gal-51(+)  
C1 (NOTE 4) | 2400 pF  
C2 (NOTE 4) | 2400 pF  
C3 (bypass) | 0.1 uF  
R1 | 115 Ohms, 0.75W  
R2 | 0 Ohm, 0.25W  
CHK | Mini-Circuits TCCH-80+

**NOTE:**
1. Vcc voltage: +12±0.2V.
2. SMA Female connectors.
3. PCB material: Rogers RO4350 or equivalent, dielectric constant=3.5, dielectric thickness=.030 inch.
4. Capacitors, C1 & C2 should be free of resonance up to the highest frequency specified.