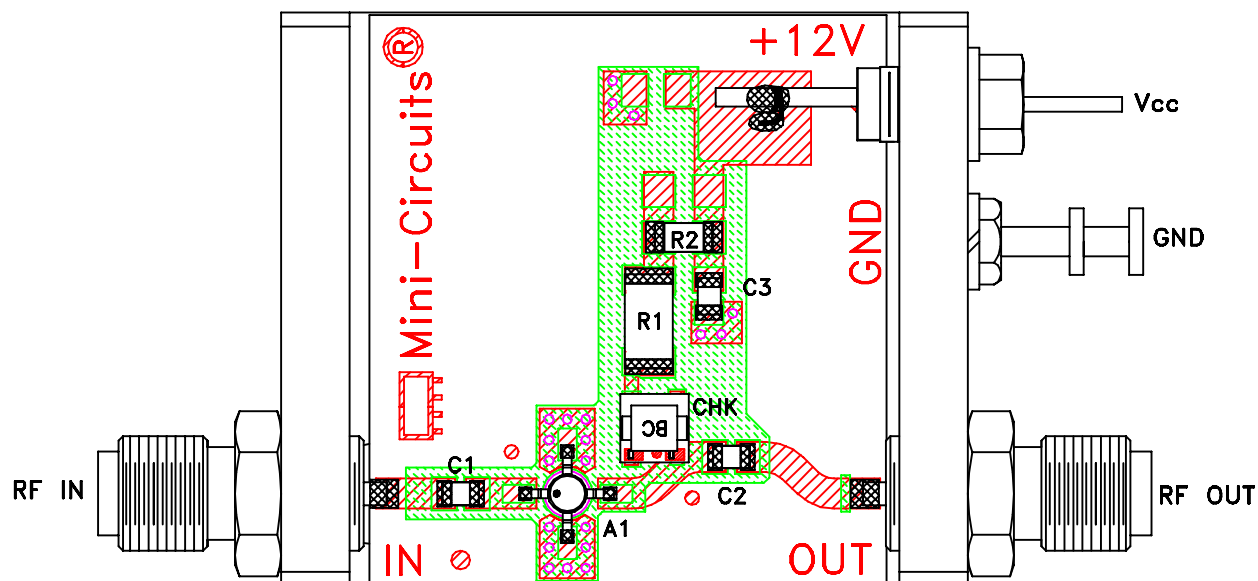
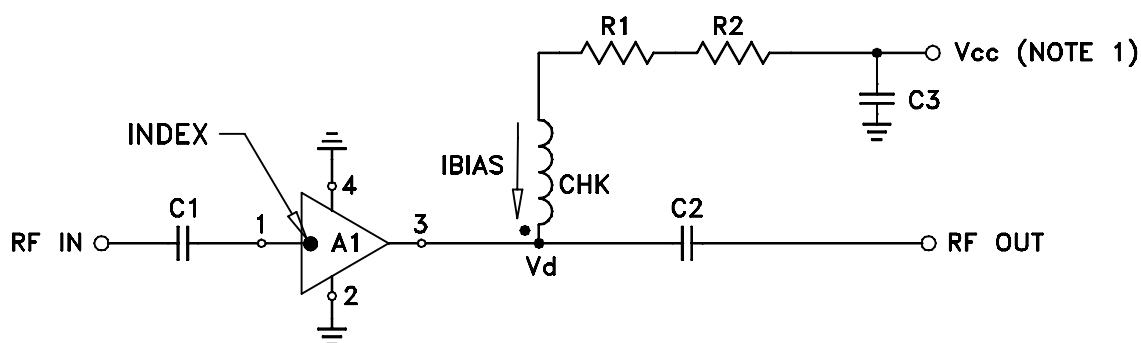


# Evaluation Board and Circuit



TB-431-6+



| COMPONENT   | VALUE                  |
|-------------|------------------------|
| A1          | ERA-6(+)               |
| C1 (NOTE 4) | 2400 pF                |
| C2 (NOTE 4) | 2400 pF                |
| C3 (bypass) | 0.1 uF                 |
| R1          | 100 Ohms, 0.75W        |
| R2          | 0 Ohm, 0.25W           |
| CHK         | Mini-Circuits TCCH-80+ |

Schematic Diagram

## NOTE:

1. Vcc voltage:  $+12 \pm 0.2V$ .
2. SMA Female connectors.
3. PCB material: Rogers R04350 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.

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