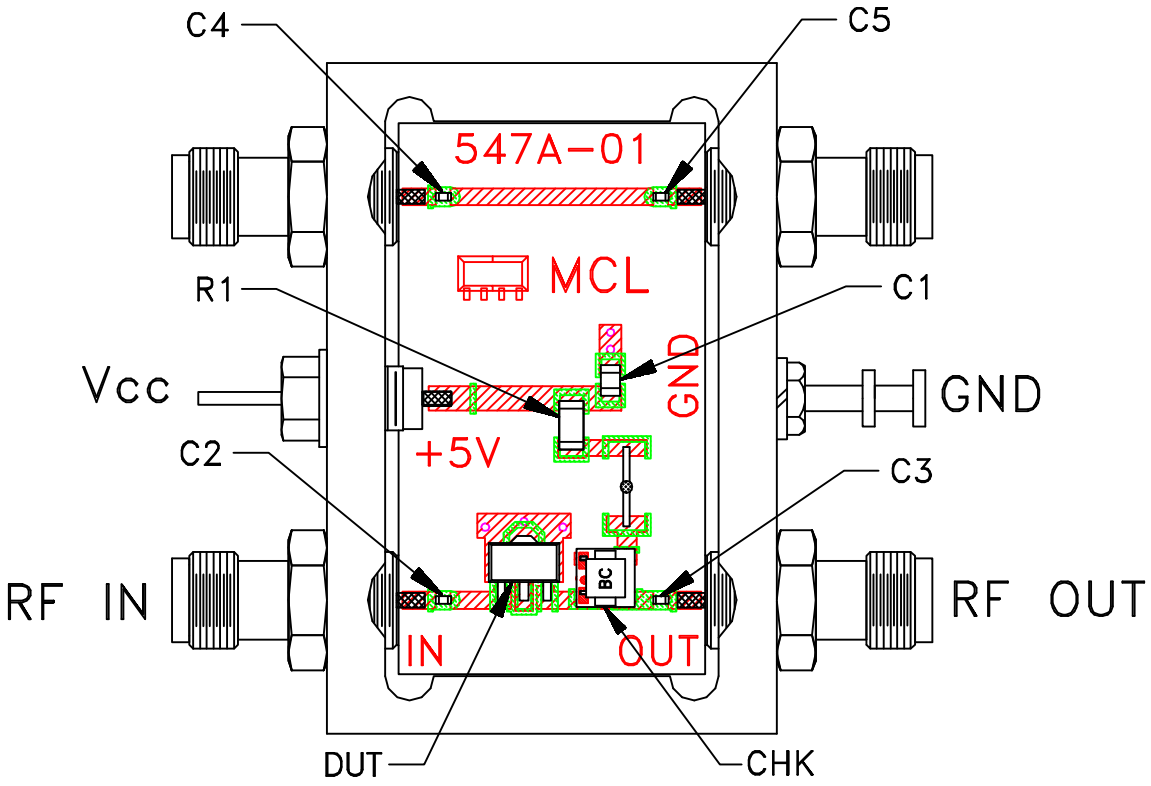
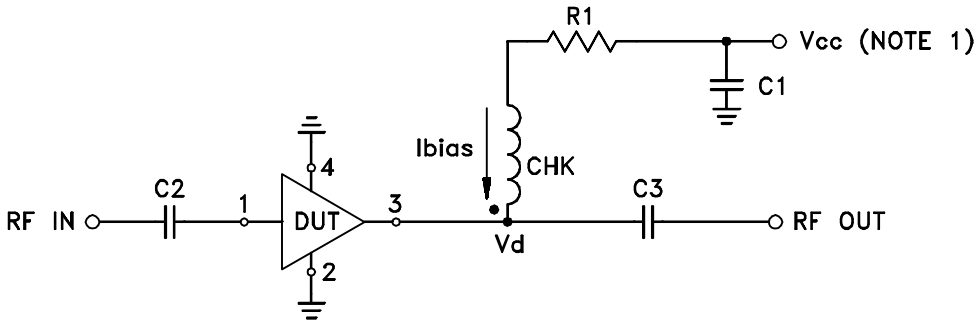
# Evaluation Board and Circuit




TB-545-1+




| COMPONENT | VALUE |
|---|---|
| DUT | PHA-1+ |
| C1 (bypass) | 0.1 uF |
| C2-C5 (Note 4) | 0.001 uF |
| R1 | 0 Ohm, 0.25W |
| CHK | Mini-Circuits TCCH-80+ |

Schematic Diagram

NOTES:

1. Vcc voltage: +5±0.2V.
2. SMA Female connectors.
3. PCB material: Rogers RO4350 or equivalent, dielectric constant=3.5, dielectric thickness=.020 inch.
4. Capacitor C2-C5 should be free of resonance up to the highest frequency specified.

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