

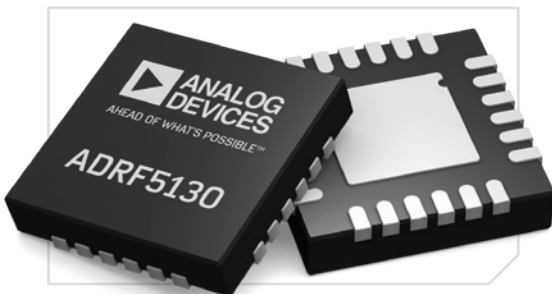
HIGH POWER SWITCHES

Reduce Size and Save Power in Cellular Front Ends



ADRF5130, Silicon SPDT Reflective Switch: 0.7 GHz to 3.5 GHz

- ▶ Single 5 V supply, 1 mA self-bias current
- ▶ No external components
- ▶ 20 W average, 44 W peak power
- ▶ Low insertion loss: 0.6 dB
- ▶ High isolation: 50 dB
- ▶ ESD robustness: 2 kV



Part Number	Frequency (GHz)	Power Peak/Average (W)	Insertion Loss	Supply Voltage (V)	Package (mm)	Availability
ADRF5130	0.7 to 3.5	44/20	0.6 dB	5	4 × 4	Released
ADRF5160	0.7 to 3.5	88/40	0.7 dB	5	5 × 5	Sampling

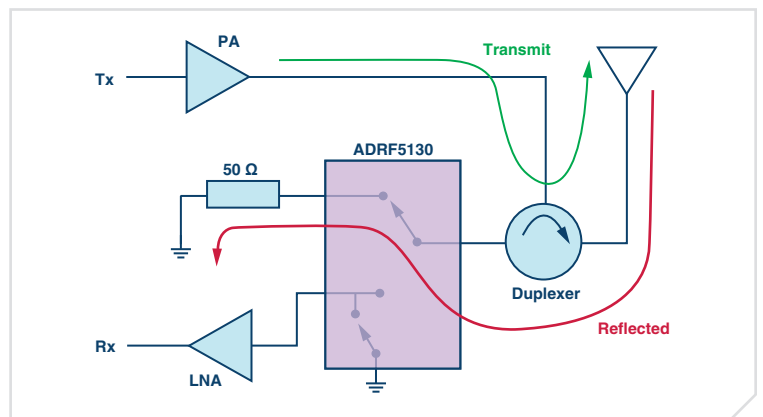


Figure 1. LNA protection in RF front end.

RF and Microwave

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