

Low Supply Voltage Wireless Link: 1.8V to 5.25V Supply

Part Number	Description	Features	Applications	Supply Voltage	Price 1K Qty
LT5502	400MHz Quadrature IF Demodulator with RSSI	70MHz to 400MHz IF frequency range; 84dB limiting IF gain; 90dB linear RSSI range; 7.7MHz lowpass output filter; 4dB noise figure	IEE802.11 DSSS and FHSS; WLAN; WLL	1.8V to 5.25V	\$5.25
LT5503	1.2GHz to 2.7GHz Direct IQ Modulator and Mixer	Direct IQ modulator with integrated 90 degree phase shifter; four step RF power control; 120MHz modulation bandwidth; independent double-balanced mixer	IEE802.11 DSSS and FHSS; WLAN; WLL	1.8V to 5.25V	\$3.85
LT5500	1.8GHz to 2.5GHz RF Receiver Front End	Dual LNA gain setting: +13dB/-14dB at 2.5GHz; double-balanced mixer; internal LO buffer	IEE802.11 DSSS and FHSS; WLAN; WLL	1.8V to 5.25V	\$3.20

Wireless & Cable Infrastructure

Part Number	Description	Features	Applications	Supply Voltage	Price 1K Qty
LT5504	800MHz to 2.7GHz RF Measuring Receiver with 80dB Dynamic Range	Sensitivity: -80dBm (C/N =6.0dB); Maximum Input Signal: +8.0dBm; RSSI Range: 80dB	Wide Dynamic Range RSSI	2.7V to 5.25V	TBD
LT5511	High Signal Level Upconverting Mixer with +17dBm Input IP3	Wide RF Output Frequency Range: 400MHz to 3GHz; 6dBm IF Input for 1dBm RF Output Compression; Integrated LO Buffer: -10dBm Drive Level	Wireless Base Station Cable Infrastructure	4.0V to 5.25V	\$3.70
LTC5505-1 and LTC5505-2	RF Power Detector with Buffered Output and >40dB Dynamic Range in ThinSOT Package	300 MHz to 3.5GHz; Internal Schottky diode RF detector with two power ranges: LTC5505-1: -28dBm to 18dBm & LTC5505-2: -32dBm to 12dBm; Temperature compensated; Buffered detector output	Power Detector used with DSP toSControl Power Amp or AGC, RF Alarms, Optical Power Sensing	2.7V to 6V	\$1.15
LTC5507	100kHz to 1000MHz RF Power Detector	Internal Schottky diode RF detector. -34dBm to 14dBm power range. Temperature compensated; Buffered detector output.	RF Power control, RF Power Alarms, Envelope Detector, ASK Demodulator, Optical Power Sensing	2.7V to 6V	TBD