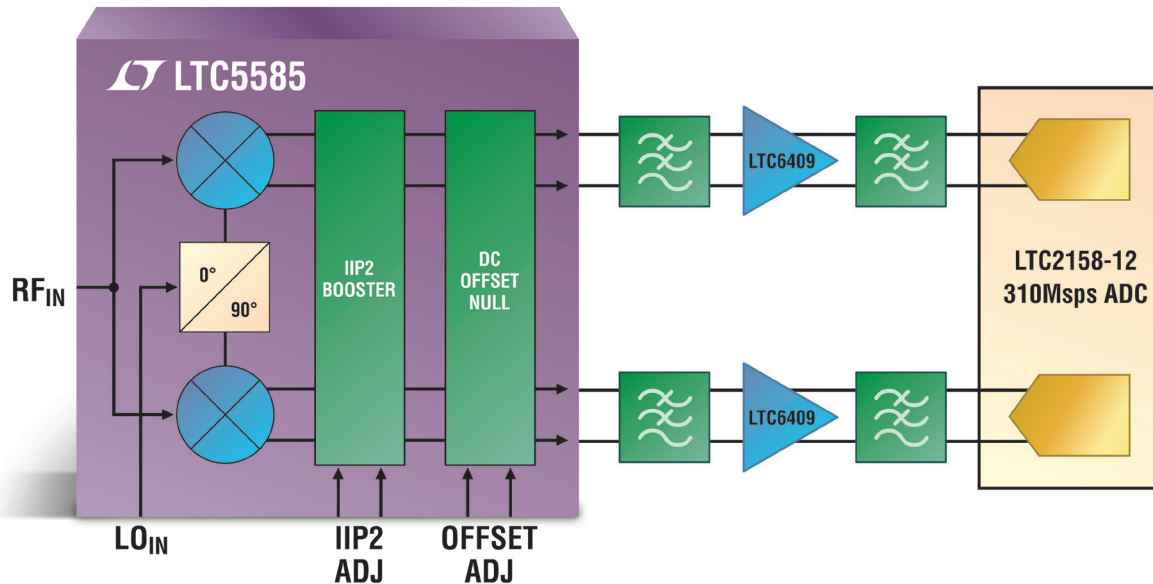


Why Settle for <80dBm IIP2?



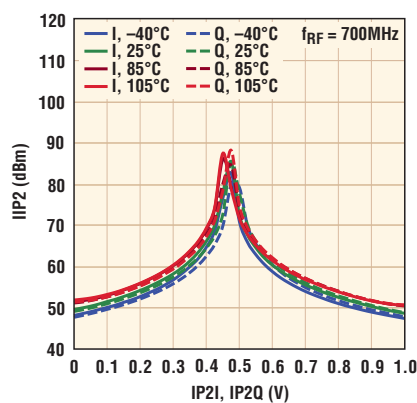
True Zero-IF with >530MHz I/Q Demodulation Bandwidth, IIP2 and Offset Tuning

Achieve a high performance true ZIF receiver using the LTC[®]5585 I/Q demodulator with integrated adjustable IIP2 to >80dBm and DC offset nulling. With tuning, its 530MHz demodulation bandwidth can be extended to over 600MHz at gain flatness of ±0.5dB.

Features

Features	LTC5584	LTC5585
Frequency Range	30MHz to 1.4GHz	700MHz to 3GHz
I/Q Demodulation BW	>530MHz	>530MHz
IIP3	31dBm@450MHz	25.7dBm@1.9GHz
Adjustable IIP2	>80dBm	>80dBm
DC Offset Cancellation	Yes	Yes

IIP2 Optimization vs Trim Voltage



Info & Free Samples

www.linear.com/IQdemod
1-800-4-LINEAR



www.linear.com/dn1027

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