

4G 4 U

Dual RF Mixer Needs Only 600mW

Actual Size



LTC5569 Total Solution Size: <math><220\text{mm}^2</math>
Including External Components

300MHz to 4GHz, 26.8dBm IIP3 Dual Active Mixer

The LTC[®]5569 is the lowest power dual mixer with the highest performance and widest bandwidth. Its small form factor is optimized so you can pack more diversity or MIMO receiver channels in compact Remote Radio Heads. The mixer's wide frequency range allows you to build a wide range of multiband radios cost effectively. With integrated RF and LO balun transformers, the LTC5569 saves cost and precious board space. Each channel can be independently shut down, providing maximum flexibility to efficiently manage energy use.

▼ Dual Mixer Family

Part Number	Frequency Range	IIP3 (dBm)	Conv. Gain (dB)	NF/5dBm Blocking (dB)	Power (mW)	Package
LTC5569	0.3GHz to 4GHz	26.8	2	11.7/17.0	600	4mm x 4mm QFN
LTC5590	0.9GHz to 1.7GHz	26.0	8.7	9.7/15.5	1250	5mm x 5mm QFN
LTC5591	1.3GHz to 2.3GHz	26.2	8.5	9.9/15.5	1260	5mm x 5mm QFN
LTC5592	1.7GHz to 2.7GHz	26.3	8.3	9.8/16.4	1340	5mm x 5mm QFN
LTC5593	2.3GHz to 4.5GHz	26.0	8.5	9.5/15.9	1310	5mm x 5mm QFN

▼ Info & Free Samples

www.linear.com/product/LTC5569

1-800-4-LINEAR



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