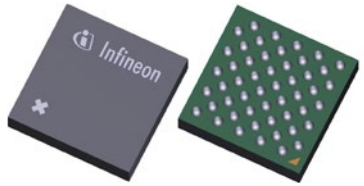
Cellular LNAs

Optimizing mobile signals and band support in 5G and IoT



LNA Bank
– Providing flexible multi-band support, optimizing power consumption

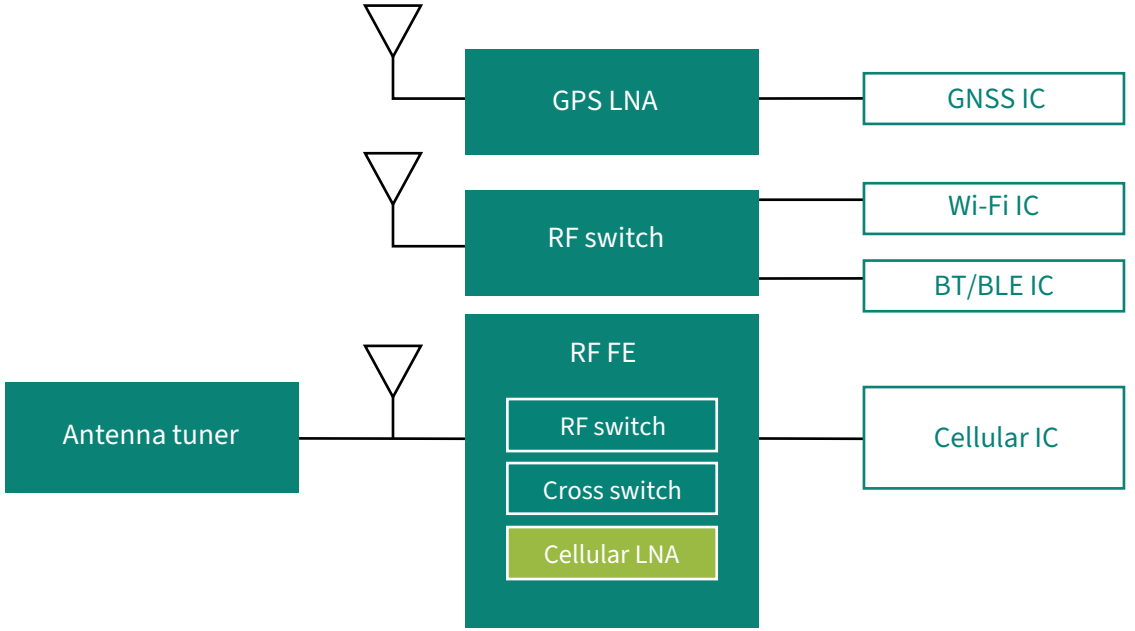
MIPI Cellular LNA
– Efficiently integrating with transceivers for improved performance

Target applications
– Smartphones and mobile devices
– Tablets and Laptops
– Wearables
– Cellular IoT home appliances

Features
– 0.6 to 7.2 GHz coverage
– Low Noise Figure
– High Gain
– High Linearity
– MIPI and GPIO control modes

Benefits
– Enhanced weak signals
– Improved multi-band reception
– Reduced signal noise

Block diagram



Useful links

Cellular LNA portfolio
Multi-purpose LNA portfolio
RF product selection guide