GNSS LNAs

Boosting GNSS performance and signal in 5G and wearables



Low Power GPS LNA
– Extending battery life and reducing heat generation in portable devices

High Linearity GPS LNA
– Improvising receiver sensitivity against strong interfering signals

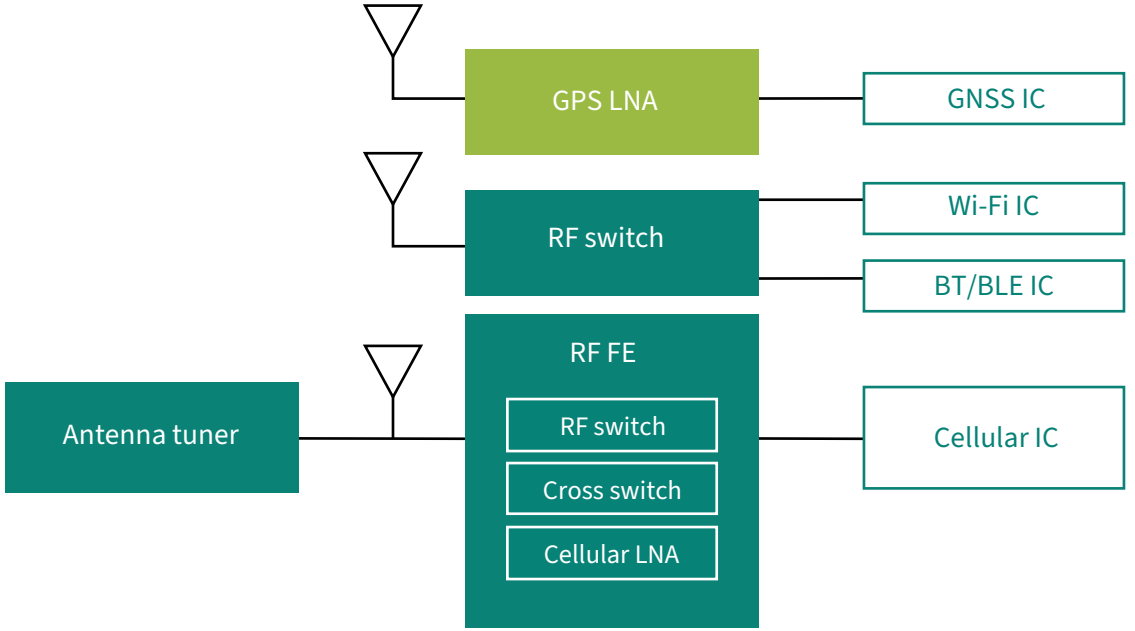
Dualband GPS LNA
– Reducing multipath errors in challenging environments for position accuracy

Target applications
– Smartphones and mobile devices
– Wearables
– Home appliances

Features
– L1 and L2/L5 bands covered
– Low noise figure
– High gain
– Low current consumption
– High linearity
– GPIO control

Benefits
– Enhanced location accuracy
– Improved signal sensitivity
– Reduced interference impact

Block diagram



Useful links

GNSS LNA portfolio

RF product selection guide