

Ultra-low Current LNA for GNSS Applications

CC31L1D

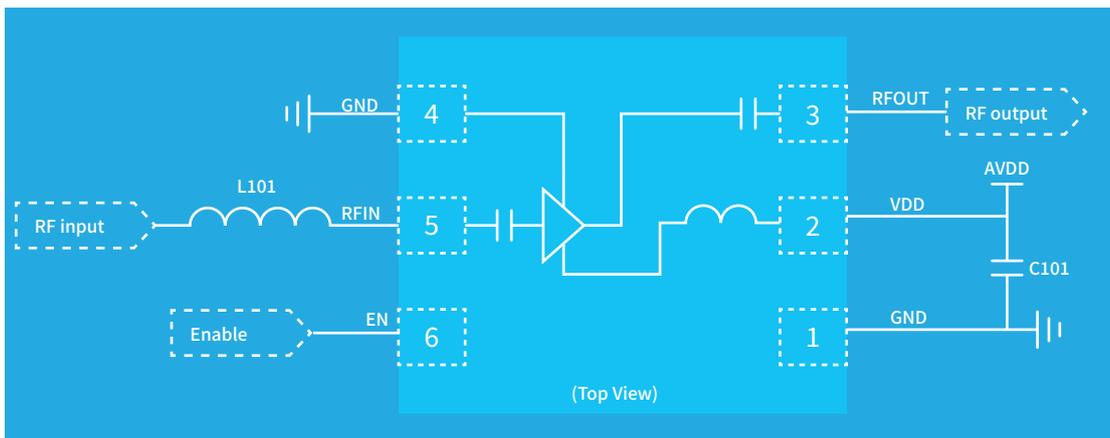
CC31L1D features low power consumption, high gain, and is compatible with L1/L5/L1+L5 band, with popular package format, it can be widely used in the following scenarios: smart watches, fitness bands, smartphones, tablets, handheld devices, trackers, two-wheelers etc.



Technical advantages

- » **Ultra-low Power Consumption**
Current as low as 1.5mA, significantly reducing power consumption
- » **High Gain**
Typical gain as high as 22dB
- » **Popular Package**
DFN-6: 1.1x0.7x0.5 (mm)

Product block diagram



Product Specifications

Performance Index

Supply Current	1.5mA
	<1uA
Supply Voltage	1.7~3.6V
Enable Voltage	>1.2V
Disable Voltage	<0.4V
Reliability and certification	Compliant with RoHS requirements
Operating&Storage	-40~85°C
Package	DFN-6: 1.1x0.7x0.5 (mm)