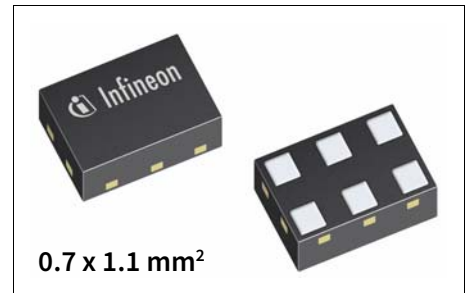


# BGA824N6

## Silicon Germanium Low Noise Amplifier for Global Navigation Satellite Systems (GNSS)

### Features

- Operating frequencies: 1164 - 1615 MHz
- Insertion power gain: 17.0 dB
- Input 1 dB compression point: -6 dBm
- Low noise figure: 0.55 dB
- Low current consumption: 3.8 mA
- Digital on/off switch (1V logic level high)
- Ultra small TSNP-6-2 and TSNP-6-10 leadless package
- RF output internally matched to 50 Ohm
- Low external component count



### Application

Ideal for all Global Navigation Satellite Systems (GNSS) like GPS, GLONASS, Beidou, Galileo and others.

### Product Validation

Qualified for industrial applications according to the relevant tests of JEDEC47/20/22

### Block diagram

