



SIMCom Presents GSM/GPRS+GNSS Module — SIM868

[Shanghai, China – May, 2016]

SIMCom presents an ultra compact and reliable wireless module SIM868. The SIM868 module is a complete Quad-Band GSM/GPRS module which combines GNSS technology for satellite navigation. The compact design with LCC and LGA pads will significantly save both time and costs for customers to develop GNSS enabled applications. Featuring an industry-standard interface and GNSS function, it allows variable assets to be tracked seamlessly at any location and anytime with signal coverage.

The advanced features of SIM868

- Quad-band 850/900/1800/1900MHz
- GPRS multi-slot class 12/10
- GPRS mobile station class B
- Compliant to GSM phase 2/2+
 - Class 4 (2 W @ 850/900MHz)
 - Class 1 (1 W @ 1800/1900MHz)
- Dimensions: 17.6*15.7*2.3mm
- Weight: 1.5g
- Supply voltage range 3.4 ~ 4.4V
- Operation temperature:-40℃ ~85℃
- Receiver type
 - 22 tracking /66 acquisition -channel
 - GPS L1 C/A code
- Sensitivity
 - Tracking: -166 dBm
 - Cold starts : -148 dBm
- Time-To-First-Fix
 - Cold starts: 29s (typ.)
 - Hot starts: <1s
 - Warm starts: 22s
- Accuracy
 - Horizontal position : <2.5m CEP

Applications



Availability and Pricing

SIM868 samples are available now. Please contact your local agents for more information.

To find the agents in your region, please visit our website: www.simcomm2m.com

You could also contact us directly,
Tel: +86 21 3252 3424
Email: simcom@sim.com