



12.2mmx 16.0mm

## MODULE GPS S1216F8-GL

Module GPS/GLONASS de 167 canaux de haute performance et faible coût pour des applications de Navigation, localisation des biens et mesure du temps.



---

**SKU: S1216F8-GL**

### Caractéristiques du module GNSS

- 167 Acquisition/Tracking Channels
- Support QZSS, WAAS, MSAS, EGNOS, GAGAN
- 16 million time-frequency hypothesis testing per sec
- $\leq 148$ dBm cold start sensitivity
- $\leq 165$ dBm tracking sensitivity
- 29 second cold start TTFF
- 3.5 second TTFF with AGPS
- 1 second hot start
- 2.5m CEP accuracy
- Multipath detection and suppression
- Jamming detection and mitigation
- 7-day extended ephemeris AGPS
- Contains LNA, SAW Filter, TCXO, RTC Xtal, Regulator
- Works with active and passive antenna
- On board active antenna short protection
- On board active antenna detection
- Complete receiver in 12.2mm x 16.0mm size
- Operating temperature  $-40 \sim +85^{\circ}\text{C}$