

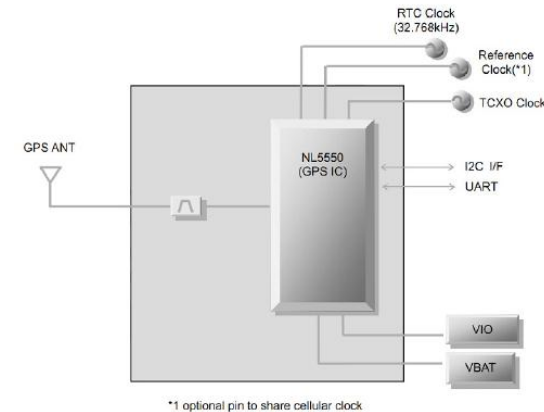
S-POWER ELECTRONICS LTD.

...iSmarter wireless connectivity

## GPS Receiver Module

The BG1WGA07 is a ultra compact GPS module based on the latest low power TI NL5550 PG1.0 GPS chipset. It can tracks up to 24 satellites simultaneously to provide the highest accuracy location information.

It operates as host based GPS with minimum host CPU requirements.



Part No	Input range	Current consumption	Autonomous Performance (TFF)	(CEP95)	Tracking sensitivity	Supported Frequencies	Power up time	Package
BG1WGA07	2.3~4.8 V	76.5mA @ Acquisition 50.0mA @ Tracking 6.5mA @ Idle	36s @ -130dBm 45s @ -140dBm 110s @ -145dBm	6.4s @ -130dBm 8.2s @ -140dBm 18.1s @ -145dBm	-161.5dBm	13,16.368,19.2, 26,32.736,38.4, 52 (MHz)	5ms	6.1 x 7.6 x 1.35 mm



S-POWER ELECTRONICS LTD.

Unit513,Lakeside 1, Bldg. 15, No.8 Science Park West Avenue, Hong Kong Science Park, New Territories., Hong Kong  
Tel: 852 35951823 | Fax: 852 26619845 | e-mail: sam@s-power.com.hk | website: www.s-power.com.hk