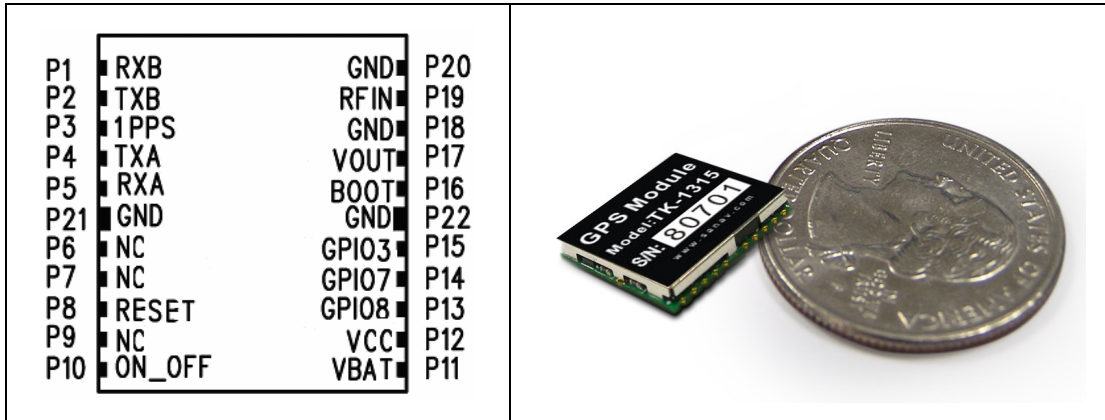


Mini GPS Locator

Model: TK-1315



Specifications

PHYSICAL CONSTRUCTION	
Dimension	L15.0mm*W13.0mm*H2.2mm
Weight	1 gram
Receiving frequency	1575.42MHZ; C/A code
Mounting	SMT type with 22pin stamp holes
Construction	Full EMI shielding
ENVIRONMENTAL CONDITIONS	
Temperature	Operating: -30 ~ +85 °C Storage: -40 ~ +85 °C
COMMUNICATION	
Protocol	NMEA0183 V3.00
Signal level	UART @ 3.3V
INTERFACE CAPABILITY	
Output Sentences	Standard: GGA, RMC, GSV, GSA, VTG Option: GLL, ZDA
PERFORMANCE	
Sensitivity	-159dbm
Receiver architecture	20 parallel channels
Start-up time	<5 sec. typical (hot start) 45 sec. typical (warm start) 45sec. typical (cold start)
Position accuracy (CEP 50)	Autonomous Position Error 3.0 m
Velocity	100m/s (Maximum)
Altitude	50 km (Maximum)
Update Rate	1 Hz
Power Supply	3.3V +- 5%
Current Consumption	Acquisition: 53mA, Tracking: 53mA
Baud Rate	9600 bps (default) & 4800/9600/38400/57600/115200 bps are adjustable

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