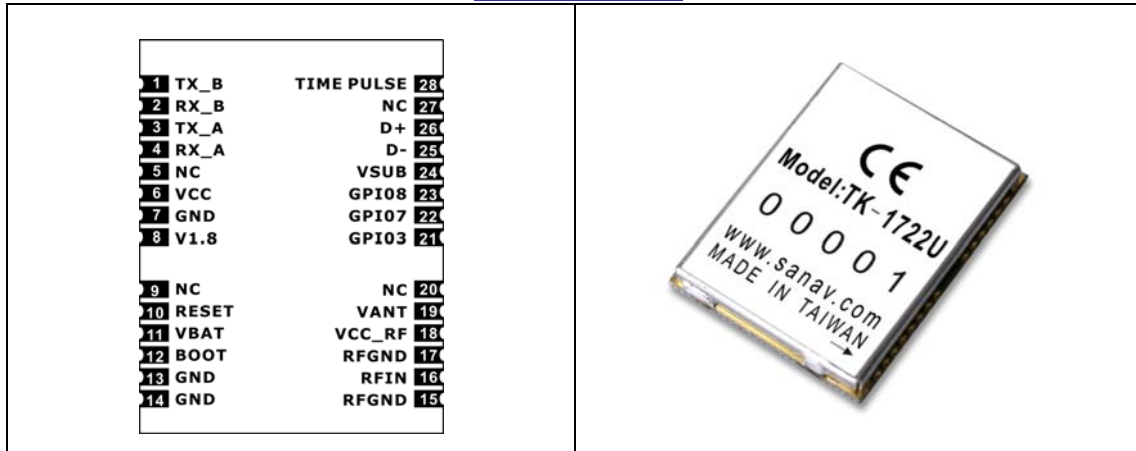




TK-1722U



Specifications

PHYSICAL CONSTRUCTION		PERFORMANCE	
Dimension	L22.4 x W17.0 x H2.9mm	Sensitivity	-159dBm
Weight	3 gram	Receiver architecture	20 parallel channels
Receiving frequency	1575.42MHZ; C/A code	Start-up time	Hot start < 5 sec
Mounting	SMT type with stamp holes		Warm start 45 sec
Construction	Full EMI shielding		Cold start 45 sec
ENVIRONMENTAL CONDITIONS		Position accuracy (CEP 50)	Autonomous Position Error 1.5 m
Temperature	Operating: -30 ~ +85 °C	Velocity	100 m/s (Maximum)
	Storage: -40 ~ +85 °C	Altitude	<50 km (Maximum)
COMMUNICATION		Update Rate	1 Hz
Protocol	NMEA0183 V3.00, RTCM	Power Supply	3.3V +- 5%
Signal level	UART @ 3.3V	Current Consumption	Acquisition: 53 mA
USB	V1.1 @ 5.0V		Tracking: 43 mA
INTERFACE CAPABILITY		Baud Rate	9600 bps (default) & 4800/9600/38400/57600/115200 bps are adjustable
Output Sentences	Standard		GGA, RMC, GSV, GSA, VTG
	Option	GLL, ZDA	

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