

Specifications

GPS vendor:	Garmin
Input Voltage:	8 - 40 Vdc unregulated
Input Current:	50mA@8,0Vdc, 12mA@40Vdc
GPS Receiver Sensitivity:	-165 dB
Operating Temperature:	-30 to +80 degree Celsius
Storage Temperature:	-40 to +99 degree Celsius
Pulse per Second (PPS):	1 Hz pulse, programmable width, 1us accuracy
Serial interface:	RS-232 User selectable baud rate Asynchronous serial input RS232 or TTL levels
Protocols:	Configurable between NMEA 0183 v.2.00 & v.3.00
ASCII output sentences:	GPALM, GPGGA, GPGLL, GPGSA, GPGSV, GPRMC & GPVTG
D-sub interface:	Power, RS-232 data & PPS
LED indicators:	Power & PPS



- Easy to implement hardware
- Easy to implement in software
- No FPGA interface
- Can be used as stand-alone unit
- Sample code for labview included