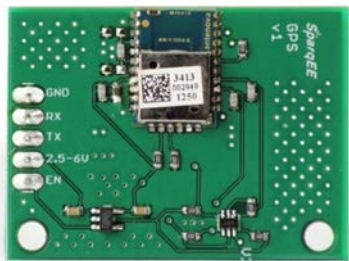# GPSv1.0 Datasheet

The GPSv1.0 is provided as a wide input range GPS development board based on the Antenova M10478 GPS module which contains a SiRFstarIV 9333 GPS chipset. Please see the M10478 datasheet for further specifications and features.

Most development environments provide a 3.3V output but sometimes utilize higher voltage I/O lines (Arduino is 5V I/O, Raspberry Pi is 3.3V I/O). This board can support any voltage I/O lines up to 6V.

- SparqEE: http://sparqee.com/
- GPS: http://www.sparqee.com/products/sparqee-gps
- Forum: http://www.forum.sparqee.com/
- Code/Drivers: http://www.sparqee.com/code-cell/

Features:
- 2.5-6V input voltage

Specification:

Power
- Supply voltage range: 2.5-6V

Physical
- 23mm x 40mm (0.91" x 1.57")
- Weight: 0.20oz

Operating Temperature
- -40°C to +85°C

Pin Assignment:

Pin	#	Function	Optional/Required	Voltage	I/O
GND	1	Ground connection	Required	0	I
RX	2	Receive	Required	2.5-6V	I
TX	3	Transmit	Required	2.5-6V	O
2.5-6V	4	Power input	Required	2.5-6V	I
EN	5	Enable power module	Required	2.5-6V	I

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