Pre-GO PPP with SMA Connector

Product datasheet

PKG300071P USD69.00

Pre-GO PPP: High precision GPS with SMA antenna connector

Featuring the u-blox Neo-7P GPS/GLONASS module, the Pre-GO PPP SMA board offers a PPP (Precise Point Positioning) solution for your location-aware project, delivering centimeter accuracy. RTKLIB-compatible output makes this product ideal for surveying, cartography and geodetic applications. Precision geolocation in a 30x24mm form factor.

Connectors

This model includes an SMA connector for an external antenna (not included).

Pre-GO modules can connect to any host board with an available UART connection. Logic levels are at 3.3V, and the board is powered by the 5V supply; however, by removing and replacing a jumper resistor, the board can be powered by a 3.3V source.

Custom alternatives

A Geppetto designer has the choice of including a header on a custom-design that connects via 5-pin cable to one of these PreGO boards as shown by these examples. Alternatively, the GPS module can be placed directly on a board.

Key component

1 × UBlox Neo-7P GPS Receiver Module
1 × GPS SMA Jack
1 × DF13 R/A 5Pos 1.25mm SMT

Product links

- Project page for rtklib
- Check Arrow Stock
- 2015-02-25/overo/master/MLO
- 2015-02-25/overo/master/u-boot.img
- 2015-02-25/overo/master/README
- 2015-02-25/overo/master/gumstix-xfce-image-overo.tar.bz2
- 2015-02-25/overo/master/gumstix-console-image-overo.ubi
- 2015-02-25/overo/master/gumstix-xfce-image-overo.ubi
- Geppetto® Workspace

---

Product Features

<table>
<thead>
<tr>
<th>Robotics</th>
<th>GPS</th>
<th>High precision GPS provides raw data that can support RTK, or can use the PPP from U-Blox</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>5-pin GPS Connector</td>
<td>Serial GPS</td>
</tr>
</tbody>
</table>

Downloaded from Arrow.com.