



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# GPS Expansion Board for Onion Omega

DEV-14446

## Description

The GPS Expansion Board for the Onion Omega is a USB-based expansion that allows your Omega to pinpoint its location using both GPS and China's BeiDou satellite positioning systems. The GPS Expansion also comes with an onboard GPS antenna, as well as a built-in U.FL connector to attach your own antenna.

Each of these expansion boards provides up to 1.8m accuracy, 66 search channels, 22 tracking channels and -165dBm sensitivity with a 10Hz update rate.

The Onion Omega boards we carry are separated into three different categories: [Mainboard](#), [Dock](#) and [Expansion Board](#). Although this board falls into the Expansion Board category, it is not equipped with a 30-pin Expansion Header, so you will still need a dock with a USB Host like the [Mini Dock](#), [Expansion Dock](#) or [Arduino Dock R2](#).

## Features

- Accuracy: 1.8m
- Search channels: 66
- Tracking channels: 22
- Sensitivity: -165dBm
- Update rate: 10Hz





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