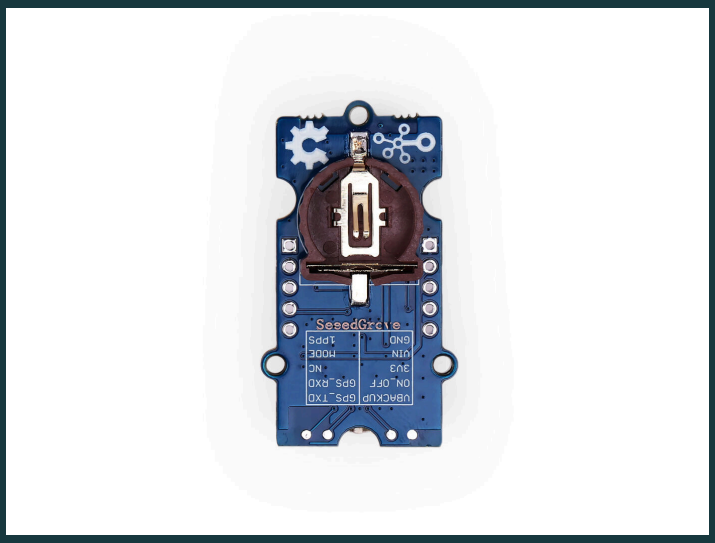
seeed studio

INDUSTRIAL PRODUCT DATASHEET

SeeedGrove - GPS (Air530Z),GPS location, Long-distance communication

SeeedGrove - GPS (Air530Z): High-precision multi-mode GPS module with low power consumption for tracker, navigation, and drone applications.

SKU	UPDATED	PRICE
109020022	2026-11-03 03:29:28	$11.00(Excl. VAT)



Overview



The SeeedGrove - GPS (Air530Z) is a highly integrated multi-mode satellite positioning module supporting more than six satellites simultaneously with positioning error within 10 meters. It features an integrated RF baseband design and low power consumption at only 31uA, suitable for GPS tracker, GPS navigation, distance measurement, car navigation, and drone applications.

Key Features

01 **Highly Integrated Multi-mode Satellite Positioning**

Multi-mode satellite positioning & navigation and support more than 6 satellites at the same time

02 **High precision Positioning**

Positioning error within 10 meters,and the position still quickly and accurately under the condition of bad signal

03 **The Integrated Design of RF Baseband**

Adopt the integrated design of RF baseband, which integrates DC/DC, LDO, LNA, RF front-end, baseband processing, 32-bit RISC based chip, RAM, FLASH storage, RTC, and power management functions

04 **Low Power Consumption**

Low power consumption at only 31uA

05 **High Compatibility**

Compatible hard/soft interface for other modules

Applications

- **GPS tracker**
- **GPS navigation**
- **Distance measurement**
- **Car navigation**
- **Drone**

Resource Links

- https://www.seeedstudio.com/SeeedGrove-GPS-Air530-p-4584.html
- Air530Z User Manual
- GPS Schematic

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com