

simpleGNSS Micro

Includes:

- 1 simpleGNSS Micro board (NEO-F10N)



More info about the product!



simpleGNSS Micro has several different configurations to provide you with flexibility:

SKU	Variation Name
AS-GNSS-MICRO-F10N-L1L5UFLTH-00	NEO-F10N / uFL
AS-GNSS-MICRO-F10N-L1L5SMATH-00	NEO-F10N / SMA

Get a discounted bulk price on this product for orders of 50 units or more. Contact us at info@ardusimple.com to get a quote.

Description

Let simpleGNSS Micro accelerate your GNSS project thanks to its easy to integrate footprint, integrated RF connector & high availability. With u-blox NEO-F10 module inside. We take care of the RF design and complex module integration so you can focus on your PCB design and the application.

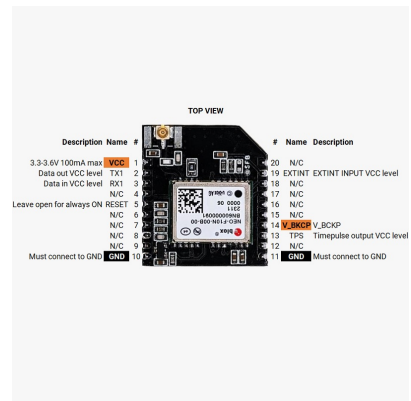
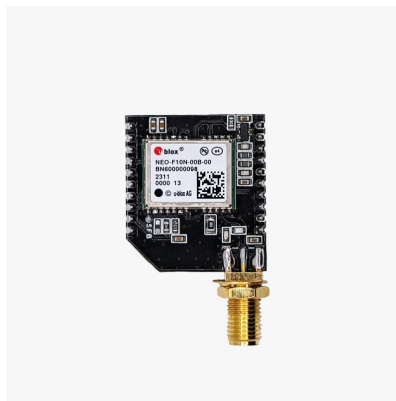
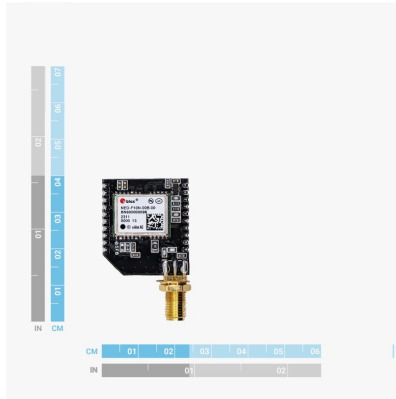
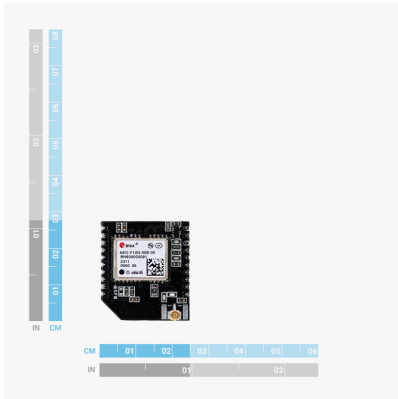
- Smallest Form Factor
- Many NEO-F10 pins available
- Re-usable: if you do a new PCB you can un-mount from your previous version the expensive GPS!
- Smaller PCB area needed: you can use the space below the module to place other components!
- Easy to solder by hand or machine
- No RF knowledge required, because all RF components are already inside: simply uFL for pigtail connection or long SMA for direct panel mount
- Bulk pricing starting 50 units

Specifications

NEO-F10N features

- Sub meter level precision
 - <1.5m in standalone mode
 - <0.9m standalone with SBAS coverage
- Update rate
 - Default: 1Hz
 - With maximum performance: up to 8Hz
 - With reduced performance: up to 10Hz
- Multi band: L1, L5 support
- Multifrequency and Multiconstellation:
 - GPS: L1C/A L5
 - Galileo: E1-B/C E5a
 - BeiDou: B1C B2I
 - NavIC: SPS-L5
 - QZSS: L1Sb
 - SBAS: WAAS, EGNOS, MSAS, GAGAN and SouthPan
- Start-up times:
 - First position fix: 27 seconds (cold), 2 seconds (hot)
- Operating temperature Range: -40 to +85deg
- Documentation: RED, RoHS, UKCA

Image Gallery



simpleGNSS Micro includes free basic technical support. Contact info@ardusimple.com for more information.

Data and descriptions in this document are subject to change without notice. Product photos and pictures are for illustration purposes only and may differ from the real product appearance.