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.

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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.
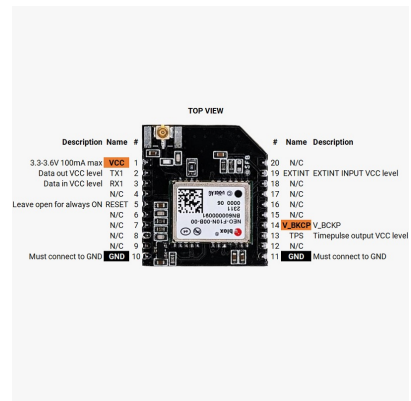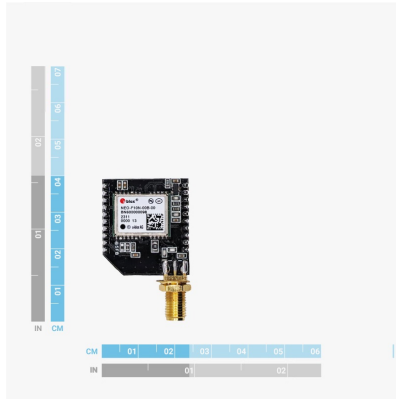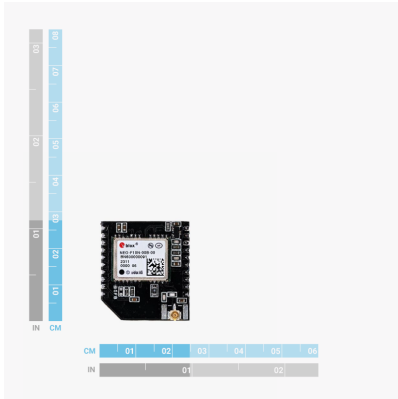
- Smallest Form Factor

- 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

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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

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Image Gallery

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

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