Japan CLAS Corrections L6 Receiver NEO-D9C

Includes:
- Pre-configured NEO-D9C module with soldered headers (XBee socket compatible)
- Pigtail uFL to SMA-Male (20cm) so you can share one antenna with 2 receivers

More info about the product!

Japan CLAS Corrections L6 Receiver NEO-D9C SKU is: AS-XBEE-LBAND-NEOD9C-SMA-00

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

QZSS is a constellation of satellites available over and around Japan. Via L6 band (L-band), these satellites provide 2 services:

- Centimeter Level Augmentation Service (CLAS) providing centimeter level correction data in Japan.
- Multi-GNSS Advanced Demonstration tool for Orbit and Clock Analysis (MADOCA) providing decimeter level correction in Japan and neighboring countries like South Korea.

If you are in this region, just:

1. Plug ArduSimple CLAS Corrections L6 receiver onto your XBee socket
2. Check that your ZED-F9P has firmware 1.32 or newer
3. Configure ZED-F9P UART2 to accept UBX protocol in at 9'600bps
4. Wait a few minutes and start enjoying high precision GNSS.

Good to know:
- Default configuration is for CLAS. Contact us for MADOCA settings.
- This board includes u-blox NEO-D9C
- The product includes an RF-splitter so you only need 1 antenna for both your RTK receiver and the L-band receiver. If you want you can also connect to separate antennas, one for the RTK receiver and another one for the L-band receiver.
- You will need a good L-band (L6) antenna to receive the correction stream like Calibrated Survey GNSS Tripleband + L-band antenna (IP67) or Lightweight helical GNSS Tripleband + L-band antenna (IP67)
- This XBee accessory is only compatible with u-blox ZED-F9P and ZED-F9R boards (simpleRTK2B series).
AS-XBEE-LBAND-NEOD9C-SMA-00

Specifications

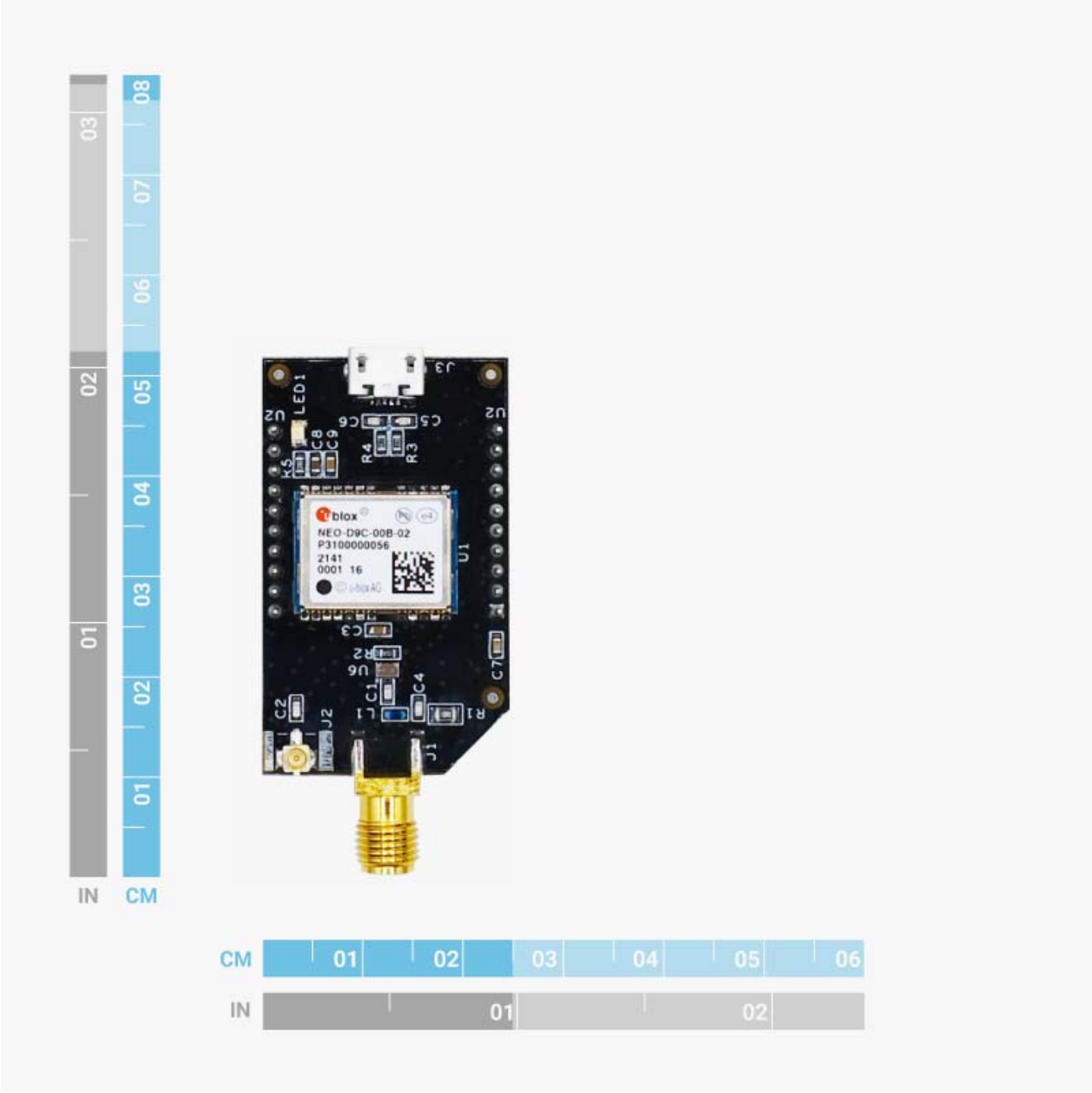
Interfaces:

- UART

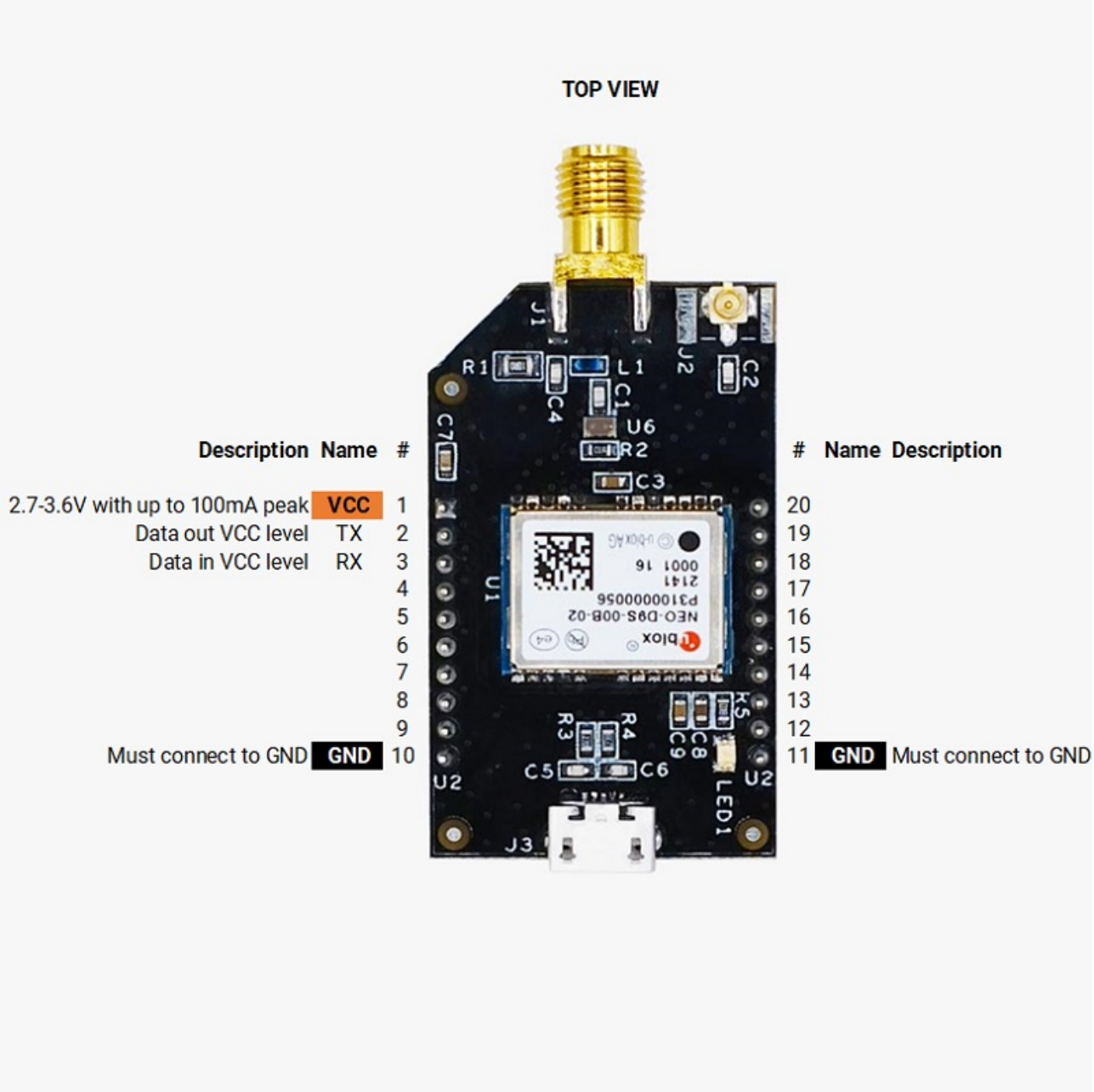
Hardware features:

- Voltage supply (VCC): 2.7 - 3.6V
- UART voltage: same as VCC
- Antenna supply: VCC - 0.3V
- Antenna input with SMA connector
- Antenna signal output for another receiver with uFL connector

Image Gallery



Pinout



Japan CLAS Corrections L6 Receiver NEO-D9C includes free basic technical support. Contact info@ardusimple.com for more information.
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