

C101-D9S application board

Easy evaluation of u-blox NEO-D9S L-band correction data receiver

Highlights

- Application board for NEO-D9S
- Flexible connectivity options, including USB and UART
- Arduino Mega shield connections for host expansion



Product description

The C101-D9S application board allows easy evaluation of NEO-D9S, the u-blox L-band GNSS correction data receiver module.

The NEO-D9S module is an L-band satellite data receiver for GNSS correction service broadcasts which can be configured for use with a variety of correction services.

NEO-D9S decodes the satellite transmission, which can be decrypted and converted to corrections on the host processor, enabling a high precision GNSS receiver to reach accuracies down to centimeter level.

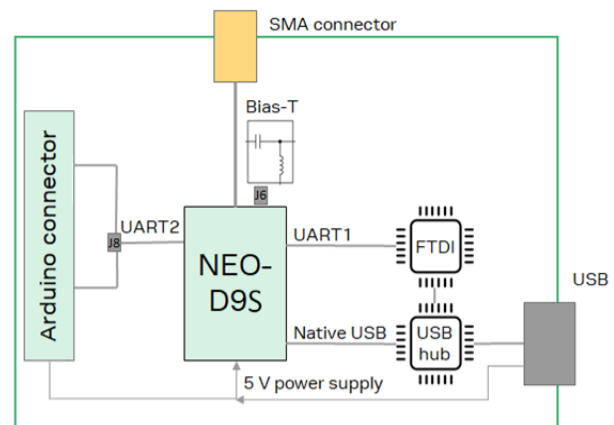
The C101-D9S application board has a built-in USB interface for both power supply and NEO-D9S module data transfer.

The u-center evaluation software provides a powerful platform for evaluating u-blox GNSS and L-band data receivers.

Kit includes

C101-D9S	Application board with NEO-D9S
	Active L-band antenna
	Antenna ground plane
	USB cable

Block diagram



Interfaces and electrical data

USB	Micro-USB port for GNSS data and power supply
Ext. Comm.	Connection pins for UART communication, Arduino interfacing
Antenna	SMA connector for active L-band antenna
Power supply	USB connection
IO voltage	3.3 V
Protocols	UBX binary

Product variants

All variants have the same application board and software.

C101-D9S-0	u-blox C101-D9S application board, for professional grade NEO-D9S evaluation
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