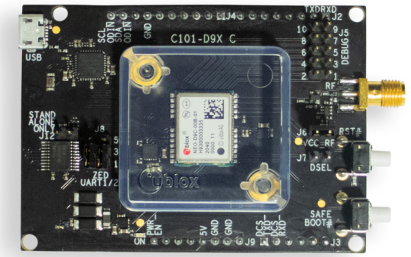
Product summary

C101-D9C application board

Easy evaluation of u-blox NEO-D9C QZSS L6 correction service receiver



Highlights

- Application board for NEO-D9C
- Flexible connectivity options, including USB and UART
- Arduino Mega shield connections for host expansion

Product description

The C101-D9C application board allows easy evaluation of NEO-D9C, the u-blox QZSS L6 correction service receiver module.

NEO-D9C is a satellite receiver for QZSS L6 high precision GNSS correction services - CLAS and Madoca. It decodes the satellite signals and outputs a correction stream which can be further processed on host and fed to an RTK GNSS receiver, to enable centimeter-level accuracy.

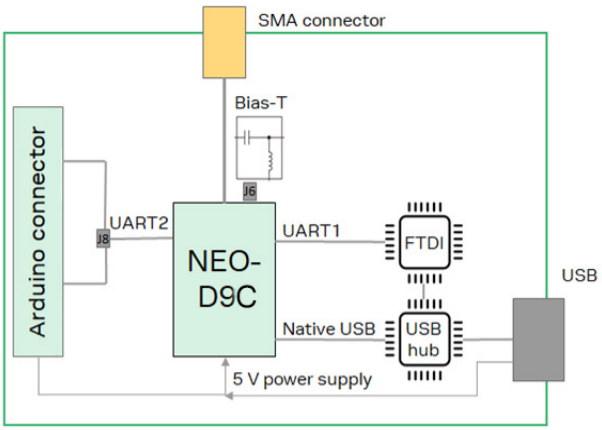
The C101-D9C application board has a built-in USB interface for both power supply and NEO-D9C module data transfer.

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

Kit includes

C101-D9C	Application board with NEO-D9C
	Active L1/L2/E5b/L6 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 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-D9C-0	u-blox C101-D9C application board, for professional grade NEO-D9C evaluation

Further information

For contact information, see **www.u-blox.com/contact-u-blox**.