

CANBus GNSS Master

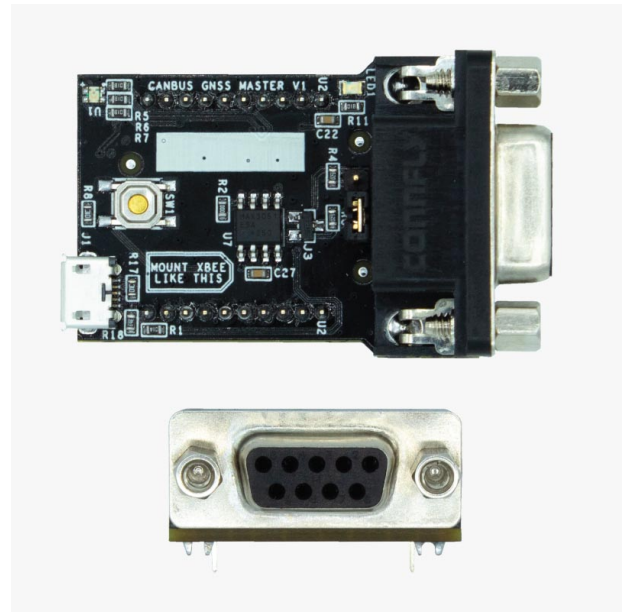
Includes:

- CANBus GNSS Master
- USB-C Carrier Board for XBee Plugins
- USB to USB-C cable
- USB to MicroUSB cable

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More info about the product!



CANBus GNSS Master SKU is: AS-XBEE-CAN-DB9-00

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

With ArduSimple CANBus GNSS Master, you will be able to add CANBus functionality to any device with XBee socket or serial port: RTK receiver, sensor, Arduino, or any other embedded platform.

Without any programming involved, and simply using a configuration tool, CANBus GNSS Master can be used as:

- Push GNSS data into the CANBus
- Read data from the CANBus

For example, it could be used as a NMEA0183 to NMEA2000 converter. Contact us with your specific use case and we will be happy to guide you.

Good to know:

- Compatible with NMEA2000 and SAE J1939
- Default configuration is at 115'200bps
- Compatible with all ArduSimple products with XBee socket

Specifications

Interfaces:

- UART
- RS232 ([requires accessory](#))

Hardware features

- CAN 2.0A and B
- Bitrate up to 1 Mbit/s
- Support for standard 11-bit and extended 29-bit frame identifiers
- Voltage supply (VCC): 3.0 - 3.6V
- Power consumption: 150mA typ
- UART voltage: same as VCC

Image Gallery



Pinout

TOP VIEW

Description	Name	#	#	Name	Description
2.7-3.6V with up to 0.5A peak	VCC	1	20		
Data out VCC level	TX	2	19		
Data in VCC level	RX	3	18		
		4	17		
Leave open for always ON	RESET	5	16		
		6	15		
		7	14		
		8	13		
		9	12		
Must connect to GND	GND	10	11	GND	Must connect to GND

FRONT VIEW

		5	
		4	
Can High	CANH	3	GND One GND must connect to CAN ground
One GND must connect to CAN ground	GND	2	CANL Can Low
		1	

Documentation

Download CAD model <https://staging.ardusimple.com/wp-content/uploads/2024/10/AS-XBEE-CAN-DB9-00-R00.step>

CANBus GNSS Master includes free basic technical support. Contact info@ardusimple.com for more information.

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