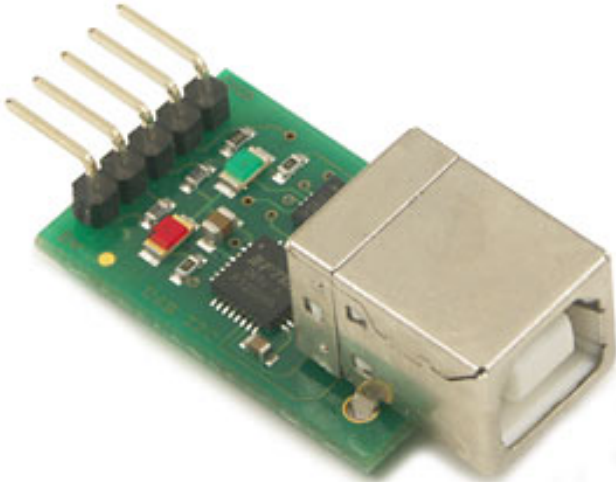


# Devantech USB-I2C R286-USB-I2C \$35.00

USB to I2C interface adapter with a simple command set and interfacing to any I2C device that communicates at 100 kHz.



The USB-I2C module provides a complete interface between your PC and the I2C bus. The module is self powered from the USB cable and can supply up to 70 mA at 5 V for external circuitry from a standard 100 mA USB port. The module is an I2C master only, not a slave.

Specifications	
I2C Devices	Any registered or unregistered I2C device.
Voltage	Self powered - 5 V available
Current	Up to 70 mA available
On-board Pull-up resistors	4.7k $\Omega$
Digital I/O	1 Input and 2 I/O available when not using I2C
Analog Input	2 10-bit channels available when not using I2C
I2C clock rate	100 kbps

## Additional Information

Reading and writing a I2C packet generally follows a specific command structure. Often, one will send a structured packet to the virtual serial port with a I2C-USB command, followed by the I2C device address with address registers and informational bytes. Details and examples on usage can be found on the Technical Documentation page.

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