

# Interface Converters

**Project Lead:** Brian Linnenkamp

## Overview

Interface converters provide a means of communication from the main computer to peripheral microcontrollers. Interface converters are responsible for translating USB communications into UART, SPI, and any other serial communication protocol required.

## Design

The interface converter will allow for two different means of connecting to it: either through a female mezzanine connector or alternatively through a female connector to a cable harness as specified by the harnessing project.

## Resources

Part	Description	Datasheet
<a href="#">FT232H</a>	IC for converting USB to multiple different interfaces.	<a href="#">Datasheet</a>

From:

<http://robosub-vm.eecs.wsu.edu/wiki/> - **Palouse RoboSub Technical Documentation**

Permanent link:

<http://robosub-vm.eecs.wsu.edu/wiki/ee/interface-converters/start?rev=1474677894> 

Last update: **2016/09/23 17:44**