

# Interface Converters

## 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:

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

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<https://robosub.eecs.wsu.edu/wiki/ee/interface-converters/start?rev=1474585226>



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