

# Interface Converters

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**Release Status:** Pending

## 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.

## Serial Numbers

All Interface converters are custom configured with a unique serial number. The serial number table is defined below

Serial Number	Device
2017-bno	Bno055 Sensor
2017-led	LED Controller
2017-depth	Depth Sensor Controller
2017-bno-2	Bno055 Sensor
2017-adapter-1	Generic interface converter
2017-adapter-2	Generic interface converter

## 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**

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<http://robosub-vm.eecs.wsu.edu/wiki/ee/interface-converters/start?rev=1492717151>



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