

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.

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
FT232H	IC for converting USB to multiple different interfaces.	Datasheet

From:

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

Permanent link:

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

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