

Hydrophones

We use our hydrophones to locate the pinger in the pool, which can be utilized for localization purposes.

Hardware

Device	Part Number	Datasheet
Processor Carrier Board	MicroZed	Datsheet
Main Processor	XC7Z010	
Hydrophones	AS-1	Datasheet
Analog-to-Digital Converter	LTC2171-14	Datasheet

Hydrophone Datasheet

Pinger Datasheet

Hydrophone Characteristics

From:

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

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