

ULS-104: Ultrasonic Proximity Sensor System

Features

The Ultrasonic Proximity Sensor System (ULS-104) by VPI Embedded provides obstacle detection and determines how far obstacles are from sensors.

- Up to 8 Independent Sensor Inputs
- 100% PC/104 Compatible
- Compact Form Factor
- Compatible with VPI Rugged Enclosure System

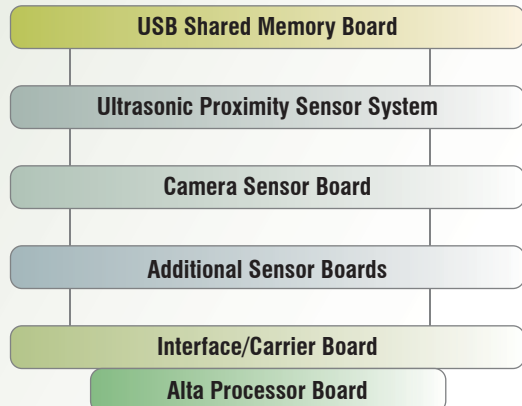
Applications

The ULS-104 has applications in many areas including:

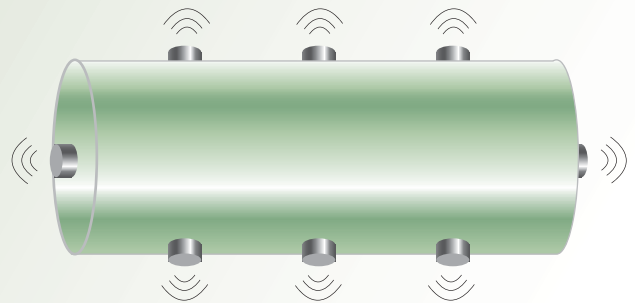
- Military
- Aerospace
- Unmanned and manned vehicles
- Industrial automation

VPI Embedded Processor Stack

The Ultrasonic Proximity Sensor System allows for the sensing of obstacles and is part of the VPI Embedded Processor Stack.



System Diagram



This illustration shows the maximum of 8 ultrasonic sensors on an object sensing for proximity of external obstacles.

Specifications

Min. Distance	10 inches
Max. Distance	10 feet
Accuracy	1.6 inches
Max. Sensors	8 ultrasonic sensors
Operating Range	40 kHz frequency range
Stack	PC104 compatible

Contact Information

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