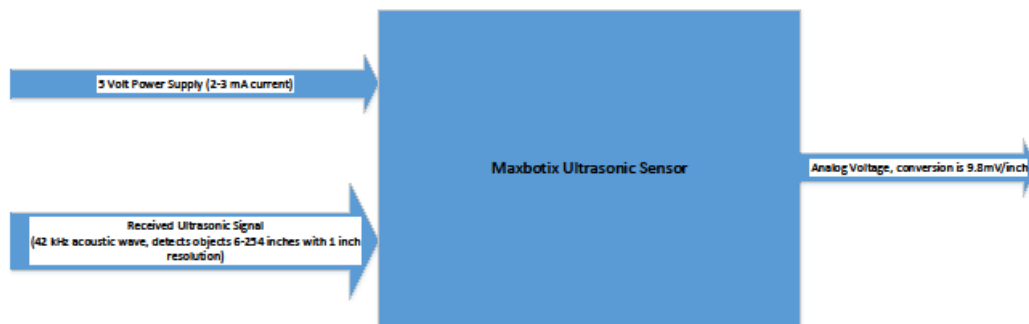


Level 0 Block Diagram



Module	Maxbotix Ultrasonic Sensor
Inputs	<ul style="list-style-type: none"> - 5 Volt Power Supply from regulator - Received ultrasonic signal, 42 kHz acoustic waves
Output	<ul style="list-style-type: none"> - Analog Voltage at 9.8mV/inch
Functionality	Provides object detection distance via analog voltage output to 8-bit AVR microcontroller