

Level 0 Block Diagram



<i>Module</i>	Maxbotix Ultrasonic Sensor
<i>Inputs</i>	<ul style="list-style-type: none"> - 5V Power Supply (2-3 mA current draw) - Received ultrasonic signal
<i>Outputs</i>	<ul style="list-style-type: none"> - Analog voltage, convert to $(V_{cc}/512)/\text{inch}$
<i>Functionality</i>	Outdoor, weather-proofed sensor provides very short to long distance detection and ranging in a compact, robust PVC housing.