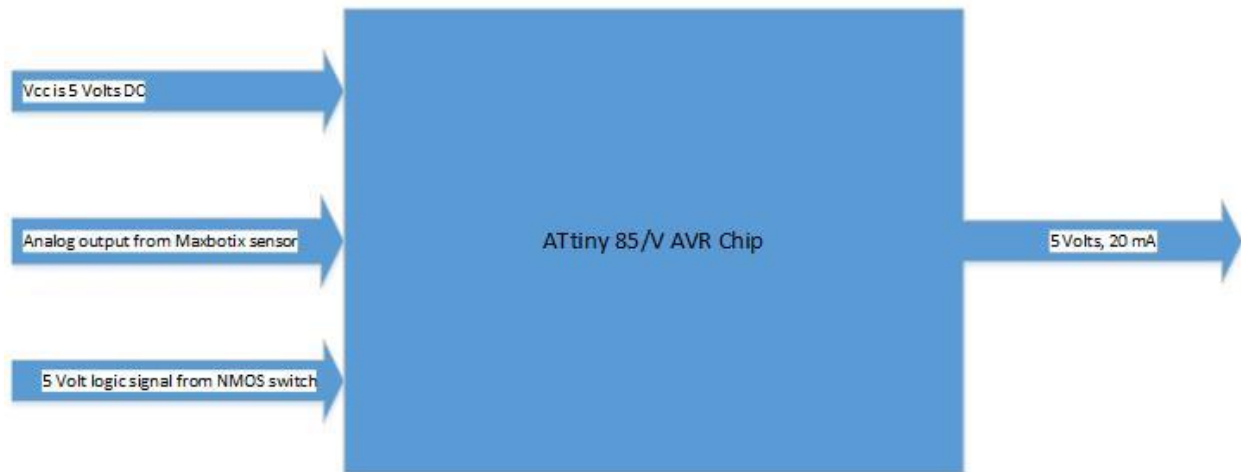


Level 0 Block Diagram



<i>Module</i>	ATtiny 85/V AVR Chip
<i>Inputs</i>	<ul style="list-style-type: none">- Vcc is 5 Volts DC- Analog output from Maxbotix sensor- 5 Volt logic signal from NMOS switch
<i>Outputs</i>	<ul style="list-style-type: none">- 5 Volts, 20 mA
<i>Functionality</i>	High performance, low power AVR 8-bit microcontroller. Processes analog output from Maxbotix sensor to determine an object within programmable range. Triggers LED indicator upon detection.