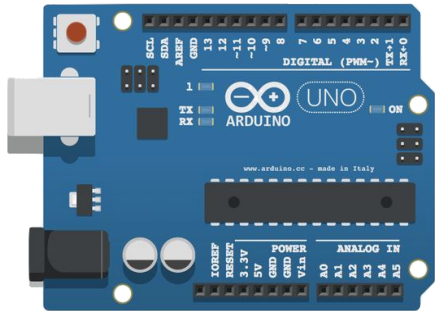
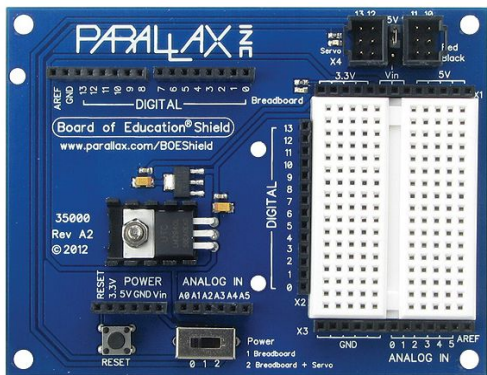


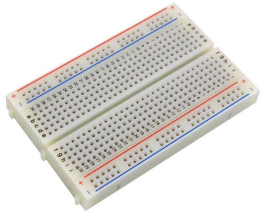


ELECTRONIC COMPONENTS

BoEbot Anatomy

Name and Picture	How It Works	Notes
<p>Arduino</p>  <p>The image shows an Arduino Uno R3 board, a popular microcontroller board based on the ATmega328P. It features a blue PCB with a USB Type-B port, a DC power jack, a reset button, and two rows of pin headers (digital and power/analog). The board is labeled 'ARDUINO UNO' and 'made in Italy'.</p>		
<p>Board of Education Shield</p>  <p>The image shows a Parallax Board of Education (BoE) Shield. It is a blue PCB with a breadboard area in the center. It features a USB Type-B port, a DC power jack, a reset button, and various pin headers. The board is labeled 'PARALLAX' and 'Board of Education® Shield'.</p>		





ELECTRONIC COMPONENTS

Electronics Essentials

Name and Picture	Circuit Symbol	How It Works	Notes
<p>Breadboard</p> 			
<p>Jumper Wires</p> 			
<p>Resistor</p> 			






ELECTRONIC COMPONENTS

Outputs

Name and Picture	Circuit Symbol	How It Works	Notes
LED 			
Infrared LED 			
Servo 			
Piezo 			

ELECTRONIC COMPONENTS

Inputs

Name and Picture	Circuit Symbol	How It Works	Notes
<p>Piezo</p> 			
<p>Whisker Sensor</p> <p>Part 1: Whisker</p>  <p>Part 2: 3-pin header</p> 			
<p>Phototransistor</p> 			
<p>Infrared Receiver</p> 			
<p>Push Button</p> 