Arduino Sensors
MakeShop

2011 April 16
2:00-6:00 PM
The plan for today

- A brief overview of the sensors we have
- Making things
Resistive sensors
Phototransistors

Diagram:

- 5V
- R2
- T1 (BPX81)
- GND
- Digital2
Hall Effect Sensors

(Top View)

<table>
<thead>
<tr>
<th>Name</th>
<th>No.</th>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vcc</td>
<td>1</td>
<td>P</td>
<td>IC Power Supply</td>
</tr>
<tr>
<td>Gnd</td>
<td>2</td>
<td>P</td>
<td>IC Ground</td>
</tr>
<tr>
<td>Output</td>
<td>3</td>
<td>O</td>
<td>It is low state during the N magnetic field</td>
</tr>
</tbody>
</table>

SS40

Digital2

5V

10k

GND
Electret Microphones
Op-Amp pinout