

List of Required Stuff

USI Big Brother Team

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List

Our intention is build a little strip board with all the sensors in as less space as possible and as much strong as possible.

- Sound Sensor (x3); ✓
- Led Strip RGB (x2);
- TIP 120s NPN Mosfet (x6) or something similar like (STP16NF06);
- Photo Resistor (x10);
- Resistor 10KOhm(x10);
- Resistor 220Ohm(x10);
- Jumper Red Male-Male (x5);
- Jumper Blue Male-Male (x5);
- Jumper Yellow Male-Male (x5);
- Jumper White Male-Male (x5);
- Jumper Red Male-Female (x5);
- Jumper Blue Male-Female (x5);
- Jumper Yellow Male-Female (x5);
- Jumper White Male-Female (x5);
- 2.54mm pin Male (as many as you can);
- 2.54mm pin Female (as many as you can);

- Strip board (x5 standard);
- Something to cut the strip board;
- Necessary to weld;
- Servo (x4);
- Big Breadboard (x1); ✓
- Standard Arduino 5v Button (x5);
- Temperature Sensor lm35 (x5);
- Peer Motion Sensor (x2);
- Raspberry pi; ✓
- Wifi connector for Arduino; ✓

