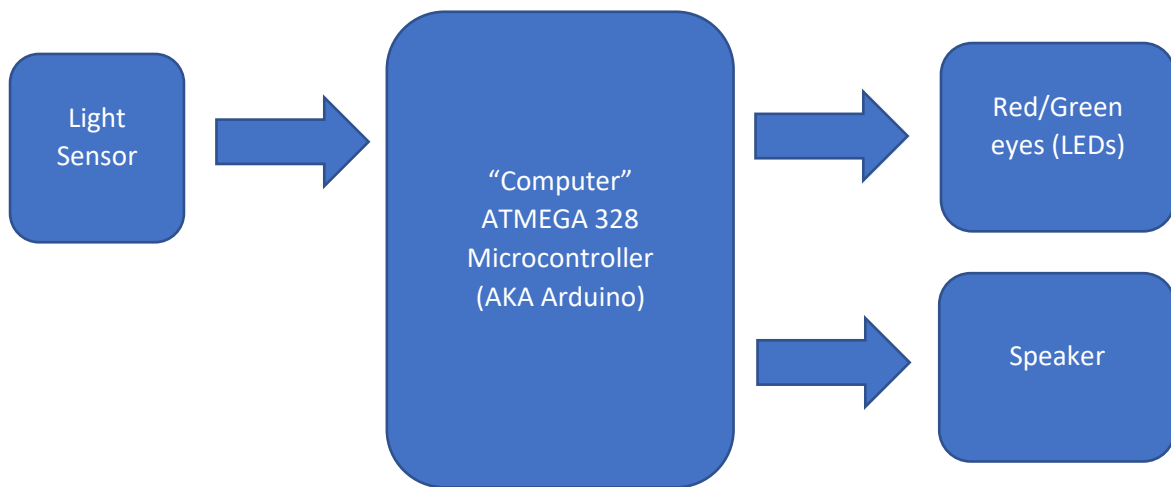
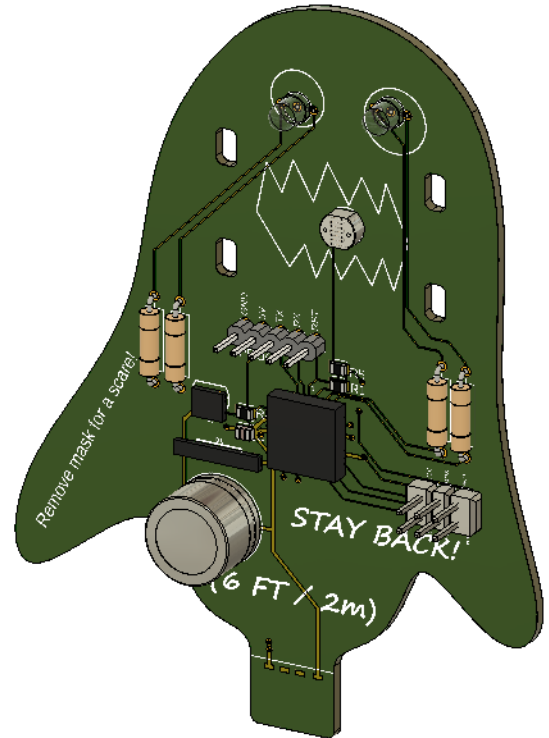


Scary Ghost Halloween Mask Reminder

How I work!

1. The systems gets power from USB
2. A light sensor detects when the mask is removed by a computer called a "microcontroller".
3. The microcontroller flashes the eyes red in anger and plays a song on the speaker.
4. When the mask is put back on, the microcontroller stops the scary noises and turns the eyes green again.



Notes:

Some USB power banks only deliver power if the load is high enough; which this is designed to use minimal power. They should still work to power this device, but will shut down after a short while (1-2 minutes). Just remove & re-insert and it should power the board back up.

No worries if this is inserted backwards into a USB slot. Nothing The electrical contacts won't connect to anything and it just won't power up. No damage should occur.

10/2020 by James O'Gorman

<http://www.github.com/aspork42/halloween2020>