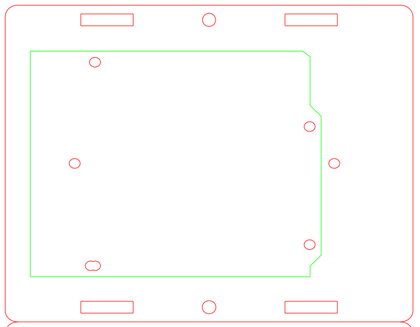
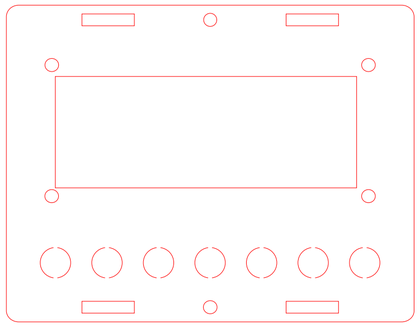
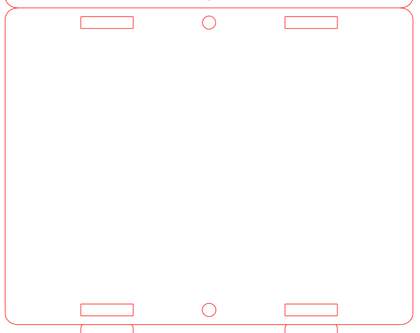


Baseplate with
Arduino outline

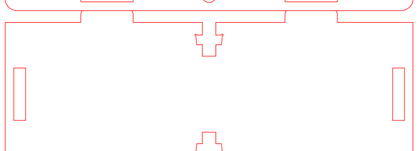


LCD Baseplate

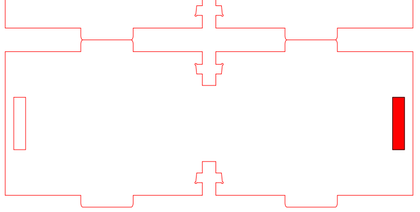


Standard top plate

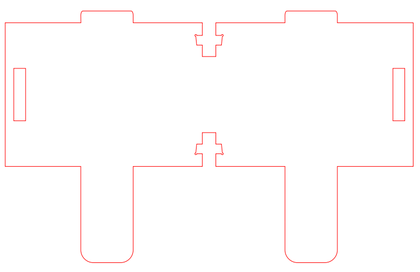
Freeduino
power switch



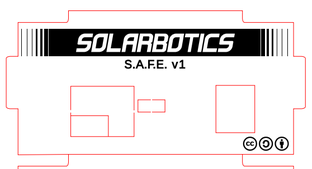
Side plate



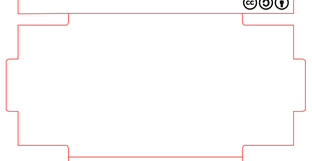
Side plate



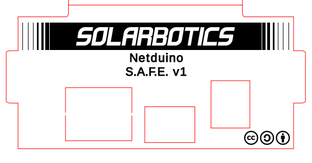
“Tall” side plate so
you can next a 5-cell
AA battery pack underneath



Standard front faceplate
with Arduino / Freeduino
knock-outs



Back plate. The cutouts on
the corners are wire passageways



Netduino Standard faceplate
(doesn’t fit Netduino Plus)

The *Solarbotics Arduino / Freeduino Enclosure*

http://www.solarbotics.com/products/60100

Clever eh? Took us much less time to come up with the name than the design time to get this *juuust* right. Feel free to cut your own S.A.F.E. with this design file!

- Parts required:
- 3mm Acrylic
- 8 x #4-40 x 3/8 Bolts
- 8 x #4-40 Hex Nuts
- 4 x #4 Nylong spacers
- 4 x Little Rubber Feet (aka: LRF)

For easiest assembly, follow these steps:

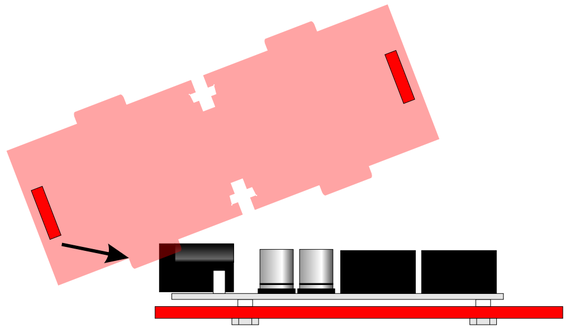
1) Screw Arduino / Freeduino to Baseplate with 4 sets of #4-40 hardware.

2) Put the power switch tab on the power switch (Freeduino only).

3) Nest together the 4 pieces that make up the walls of the enclosure (*not* on the baseplate). Make sure the faceplate is right-side-up & out.

4) While tilting the 4-piece assembly, slip the faceplate onto the Arduino/Freeduino & power switch, and then rotate the assembly down flat into the slots on the baseplate.

5) Slide the nuts into the T-Slots, and screw down the sides, and then the top.
Note: If it’s hard to insert the nuts, try putting them in from the *other side.* Lasering makes one side a bit more open than the other.



Assemble the 4 walls, and install the set
by slipping the faceplate over the USB
jack and power switch *first.*