Four Principles for an Ecosystem of Open-Source Everyday Devices

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Four Principles

1. Design for personal manufacturing.

2. Maximize iteration and prototyping.

3. Explore alternative aesthetics and meanings.

4. Foster new forms of collaboration and community.
1. Design for personal manufacturing.
Inkscape Design Template - P1
7.1” x 7.1” / 181mm x 181mm

Ensure your entire design fits within the white area inside the orange border.

Cutting lines

<table>
<thead>
<tr>
<th></th>
<th>R</th>
<th>G</th>
<th>B</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>255</td>
<td>255</td>
</tr>
</tbody>
</table>

All lines must have a stroke weight of 0.01mm.

Using text
All text must be converted to paths via the Object to Path in the Object menu.

Using images
All inserted non-vector images (such as .jpg) must be converted to vectors using the Path > Trace Bitmap command.

Removing double lines
Any double lines created by placing two objects directly beside each other must have one line selected and deleted.

Raster fill engraving

<table>
<thead>
<tr>
<th></th>
<th>Heavy</th>
<th>Medium</th>
<th>Light</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>255</td>
<td>128</td>
<td>230</td>
</tr>
<tr>
<td>G</td>
<td>0</td>
<td>128</td>
<td>230</td>
</tr>
<tr>
<td>B</td>
<td>0</td>
<td>128</td>
<td>230</td>
</tr>
<tr>
<td>A</td>
<td>255</td>
<td>255</td>
<td>255</td>
</tr>
</tbody>
</table>

Our making system does not register this orange content, so you do not need to delete it.
2. Maximize iteration and prototyping.
3. Explore alternative aesthetics and meanings.
4. Foster new forms of collaboration and community.
This is a library for our Monochrome Nokia 5110 LCD Displays

Pick one up today in the adafruit shop!
------- http://www.adafruit.com/products/338

These displays use SPI to communicate, 4 or 5 pins are required to interface
Thank you!

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