Level 1

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| *Module* | Controller |
| *Inputs* | -9 volt battery  -Image |
| *Outputs* | -Formatted image |
| *Functionality* | Receives power from 9 Volt battery and an input of the image it is outputting to the Wand/Arm |

Controller:

The controller module is the brains of the entire project. It requires power from a battery, it also requires an image to be inputted from the user. After the image is processed by the controller it will output to the LED wand to display the image.