*Projects and Stuff*

Chameleon

Project Log

Contents

[2012/05/06 3](#_Toc324078287)

# 2012/05/06

I began setting up the bare-bones of the project, starting with creating a new Git repository. I also started simple documentation about what the project goals are.

This project will be based upon the work that I’ve done on other capacitive-sensing projects. The main benefit of capacitive sensors over other methods, like IR LEDs and Diodes/transistors, is that the sensor itself has zero additional cost. While other sensor types require an actual sensor and maybe even an emitter of some sort, which costs money, capacitive sensors are just traces on a PCB. The argument could be made that the resistors and capacitors used with the capacitive sensors also cost money, but in production quantities, it’s an order of magnitude cheaper. All of the external components for a capacitive sensor typically cost less than one cent total in production quantities.