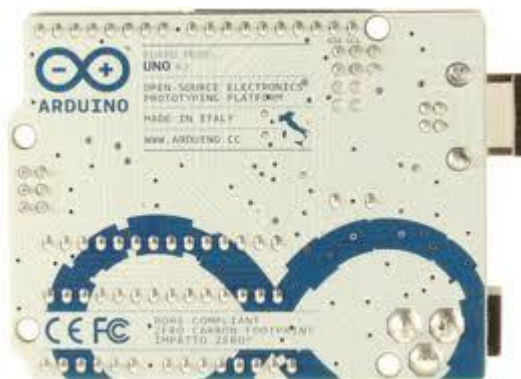# ARDUINO AUTOHOME

Getting Started:

Before getting over towards the project here is the list of the parts and components which will be needed in the project.

Part List:

1. Arduino Uno Board (Rev.3 is the latest one.)

Front View

Rear View

More details about this product can be found out at SparkFun Website, here is the link to this product:

https://www.sparkfun.com/products/11021?

2. Arduino Ethernet Shield:

Front View

More details about this product can be found out at SparkFun Website, here is the link to this product:

https://www.sparkfun.com/products/9026?

3. USB Cable A to B for Programming Arduino:

More details about this product can be found out at SparkFun Website, here is the link to this product:

https://www.sparkfun.com/products/512?

4. Ethernet LAN Connecting Cable:

More details about this product can be found out at SparkFun Website, here is the link to this product:

https://www.sparkfun.com/products/8916?
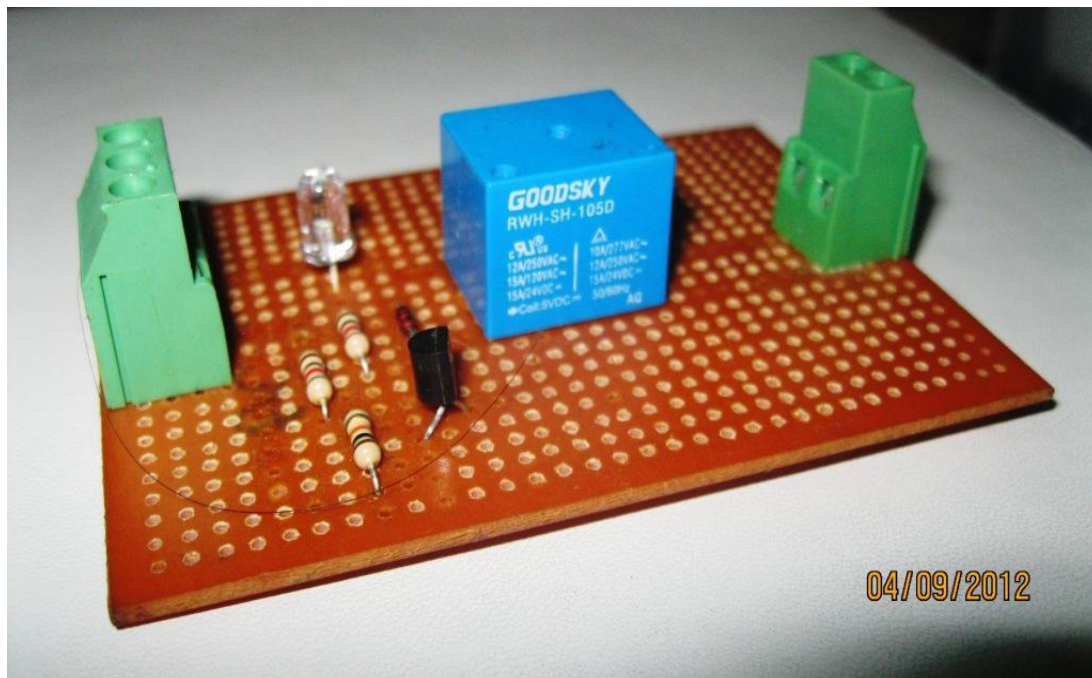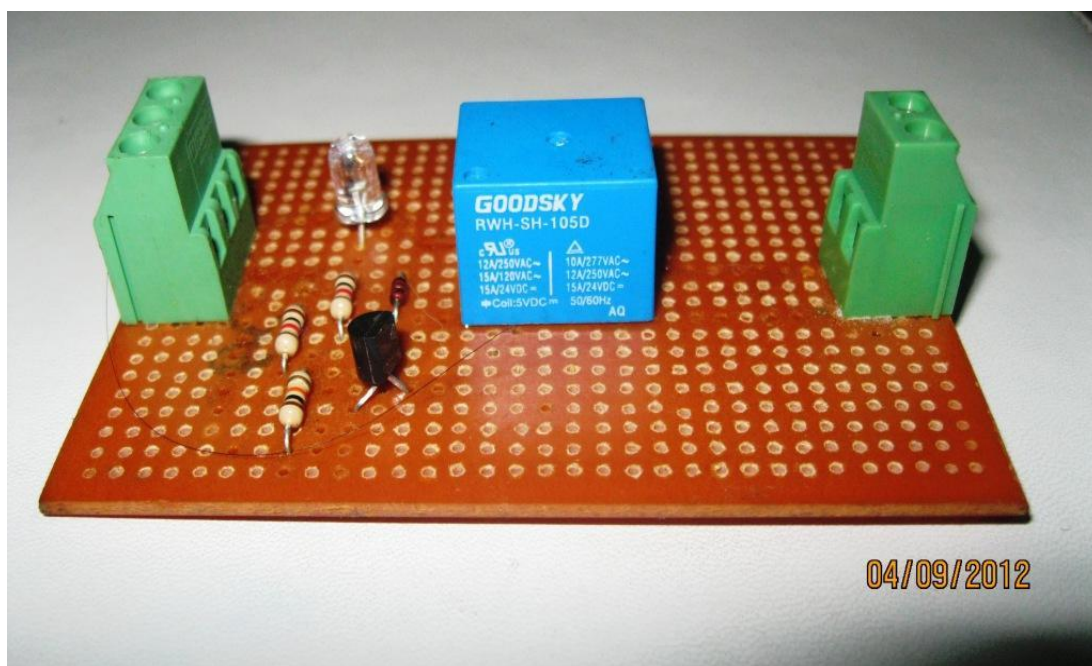
5. Relay Control Board:

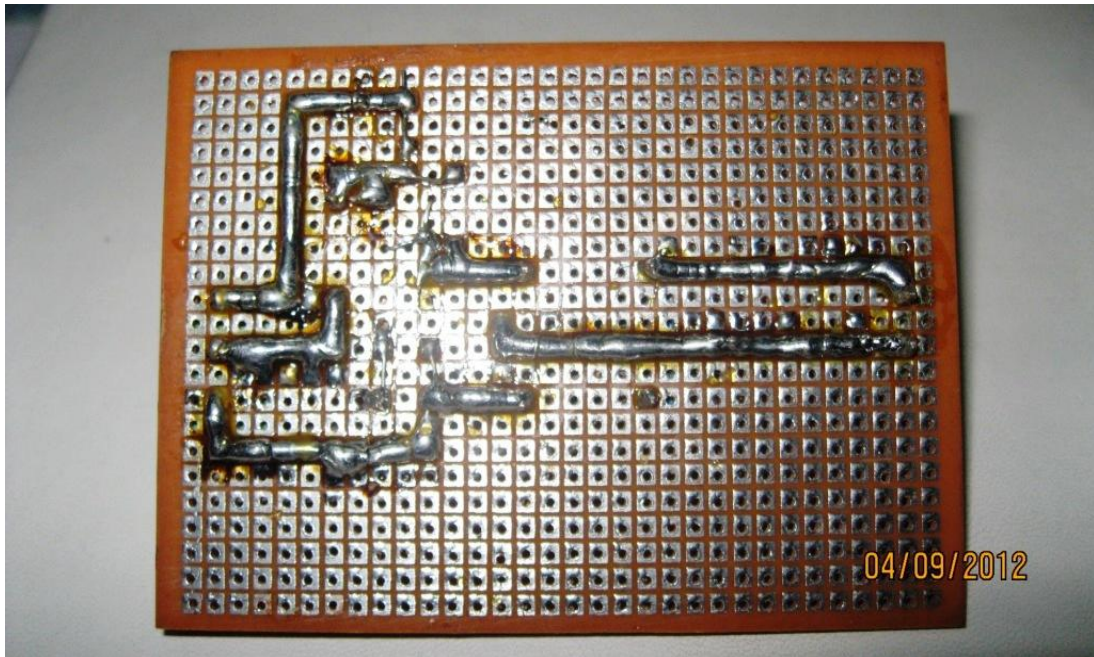Either you can make your own DIY relay controller board like this one:
All details about how to build this board will be explained in Building Section of this Project.

Front View

Front View

Rear View

Or you can directly purchase it from SparkFun

Top View

More details about this product can be found out at SparkFun Website, here is the link to this product:

https://www.sparkfun.com/products/11042?

But I will recommend you to build your own since it saves money gives you an actual working idea and plus you can add as much as relays according to your requirement.

6. Good Soldering Iron
7. Soldering Wire
8. Soldering Flux
9. Breadboard (for testing of circuit before soldering)

10. General Purpose PCB

This is the list for important components you should have with you to get started with the project.