#IWDEV: Pi Traffic Lights

Circuit Diagram

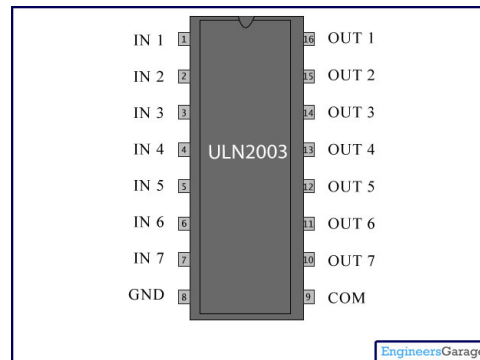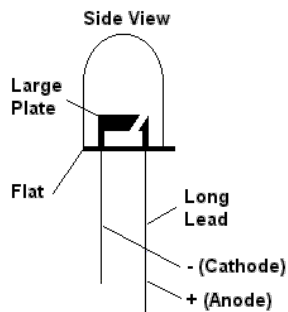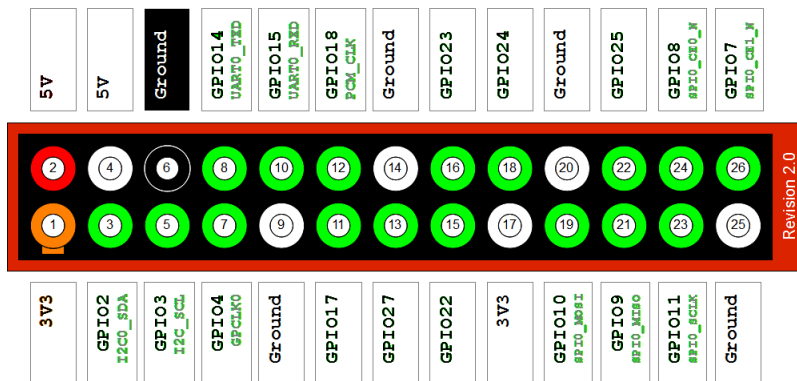Made with Fritzing.org
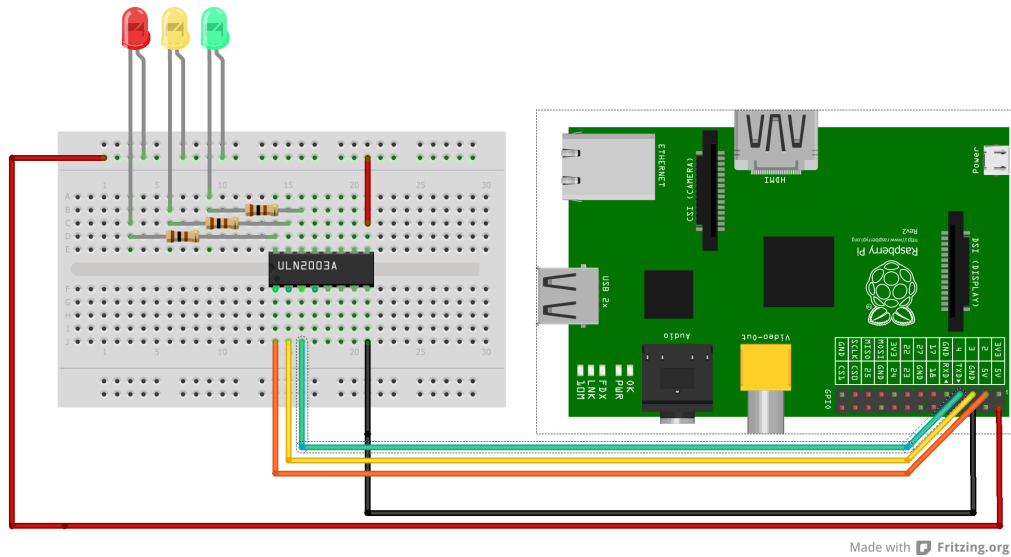
Component Pinouts

LED

ULN2003A

Raspberry Pi GPIO Header

To log in to a Pi

start either Putty (windows) or ssh (mac) and connect to port 22 on the pi.

Username : pi
Password: raspberry

cd ~/iwdev/Pi_traffic_lights_IWDEV

to run a python script that uses the GPIO port

sudo python <script name>.py

(sudo privilege is required to access the GPIO)

press Ctrl C to quit the script

edit text file nano <file name>

shutdown pi: sudo halt

Simple Http server (uses port 8000)

python -m SimpleHTTPServer

history - list previous commands

!<command number>   eg !10