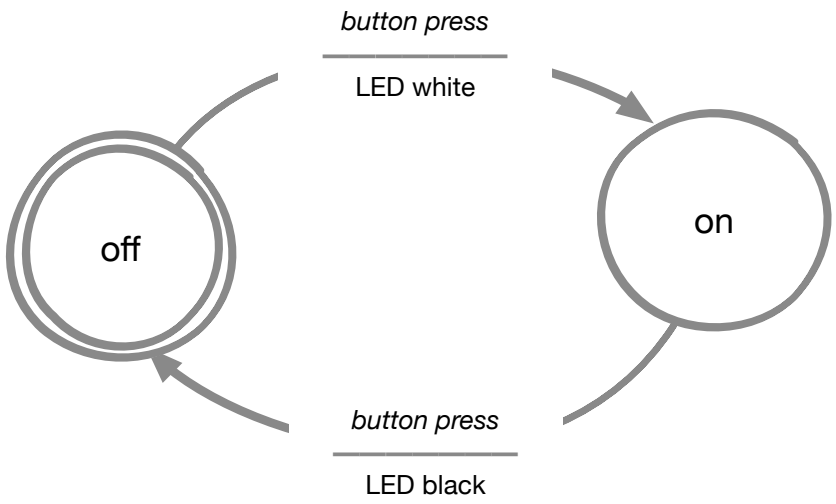
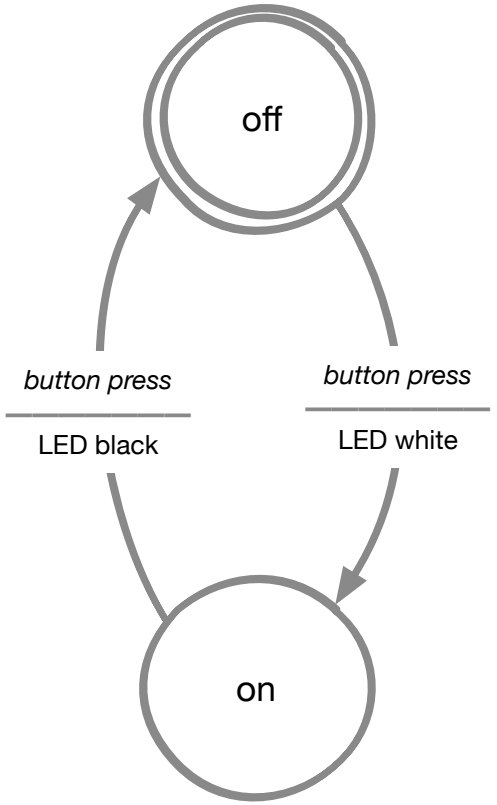
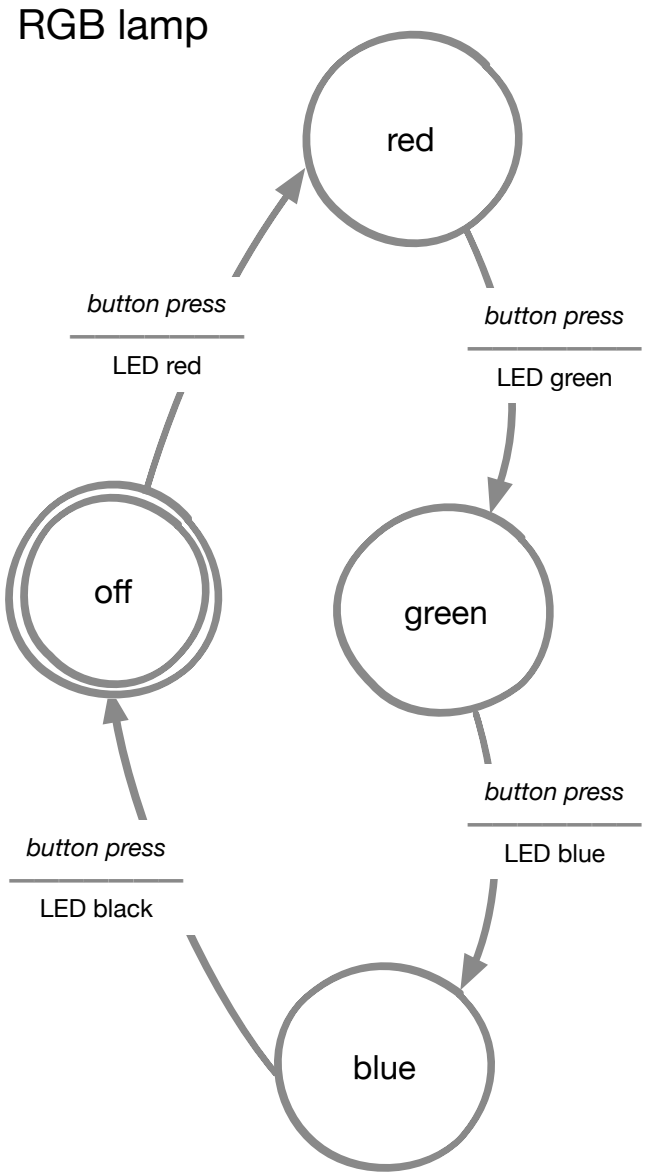
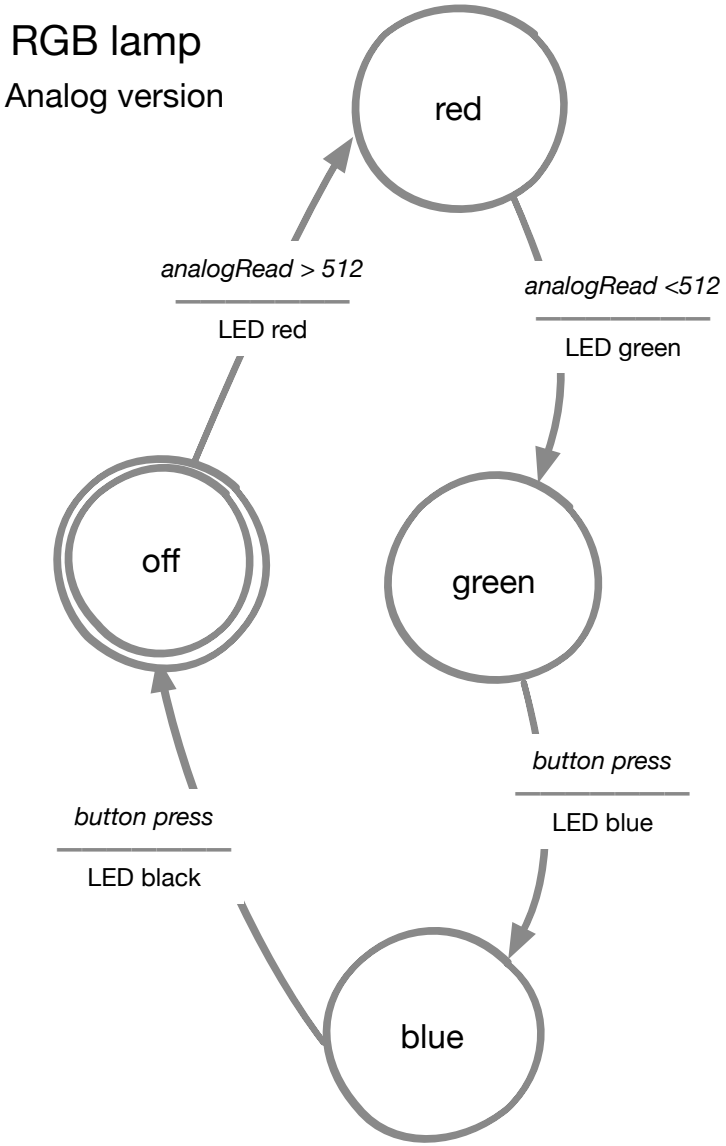
Lamp operated by button

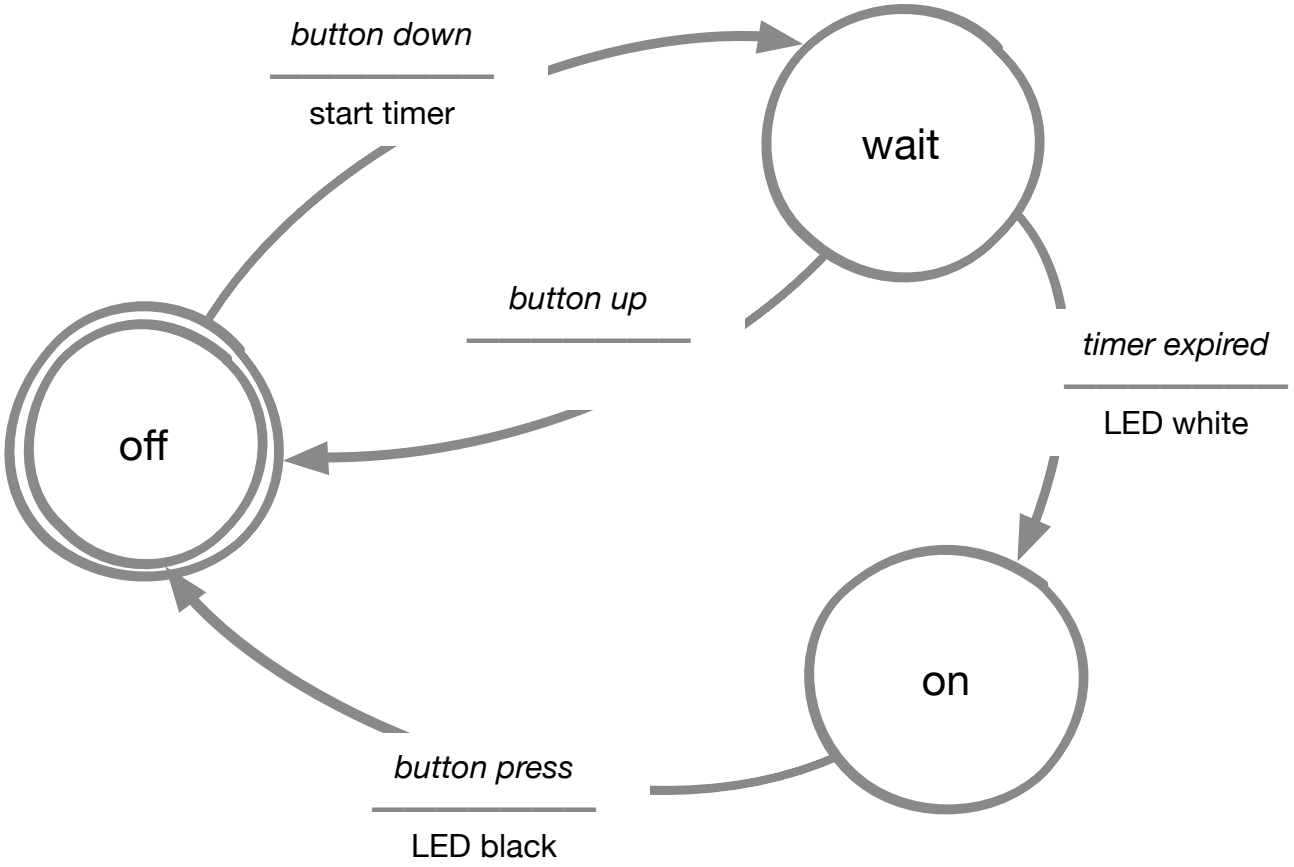




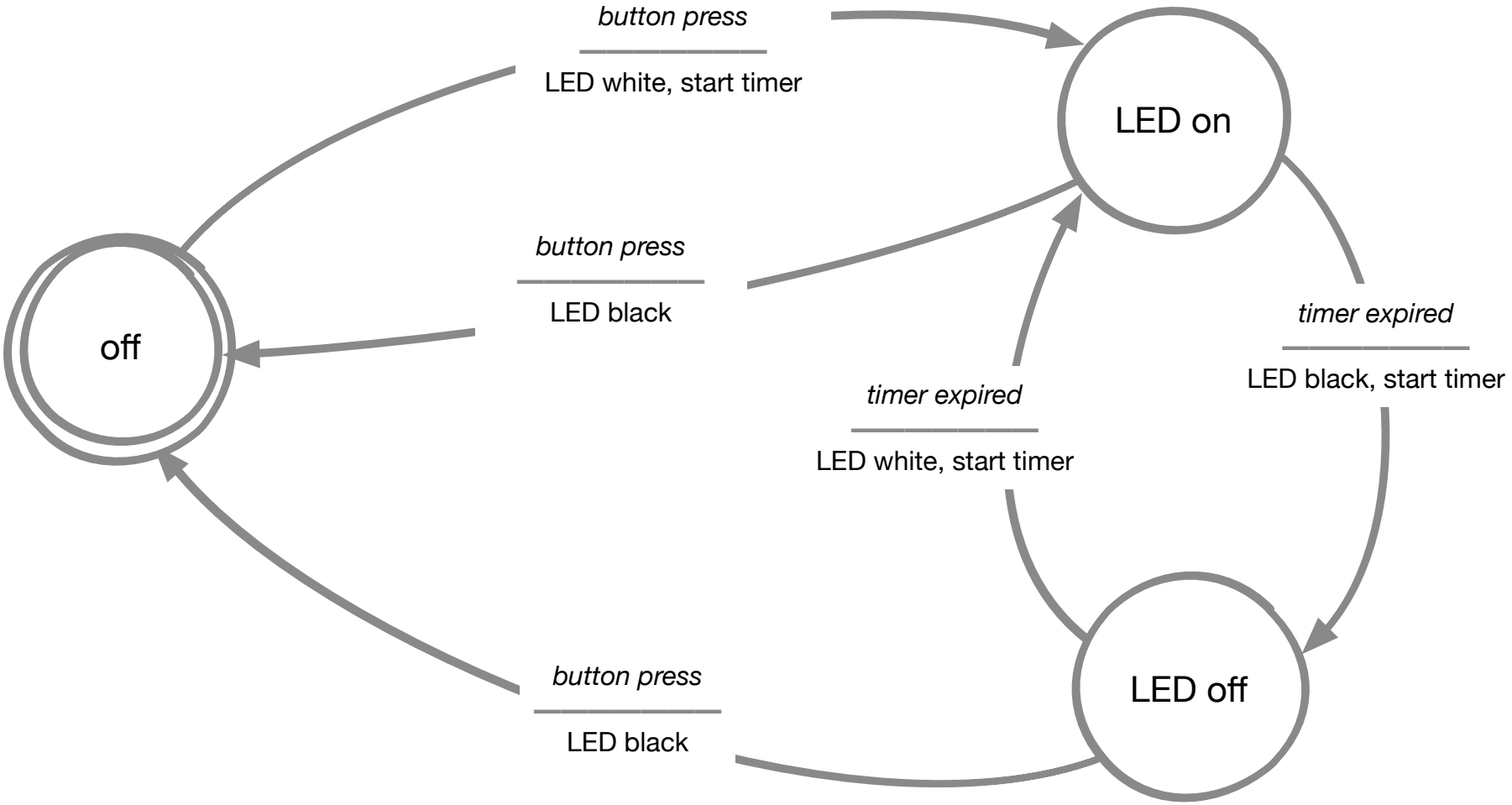

RGB lamp
red
button press
LED red
button press
LED green
off
green
button press
LED blue
button press
LED black
blue


RGB lamp
Analog version
red
analogRead > 512
LED red
analogRead <512
LED green
off
green
button press
LED blue
button press
LED black
blue

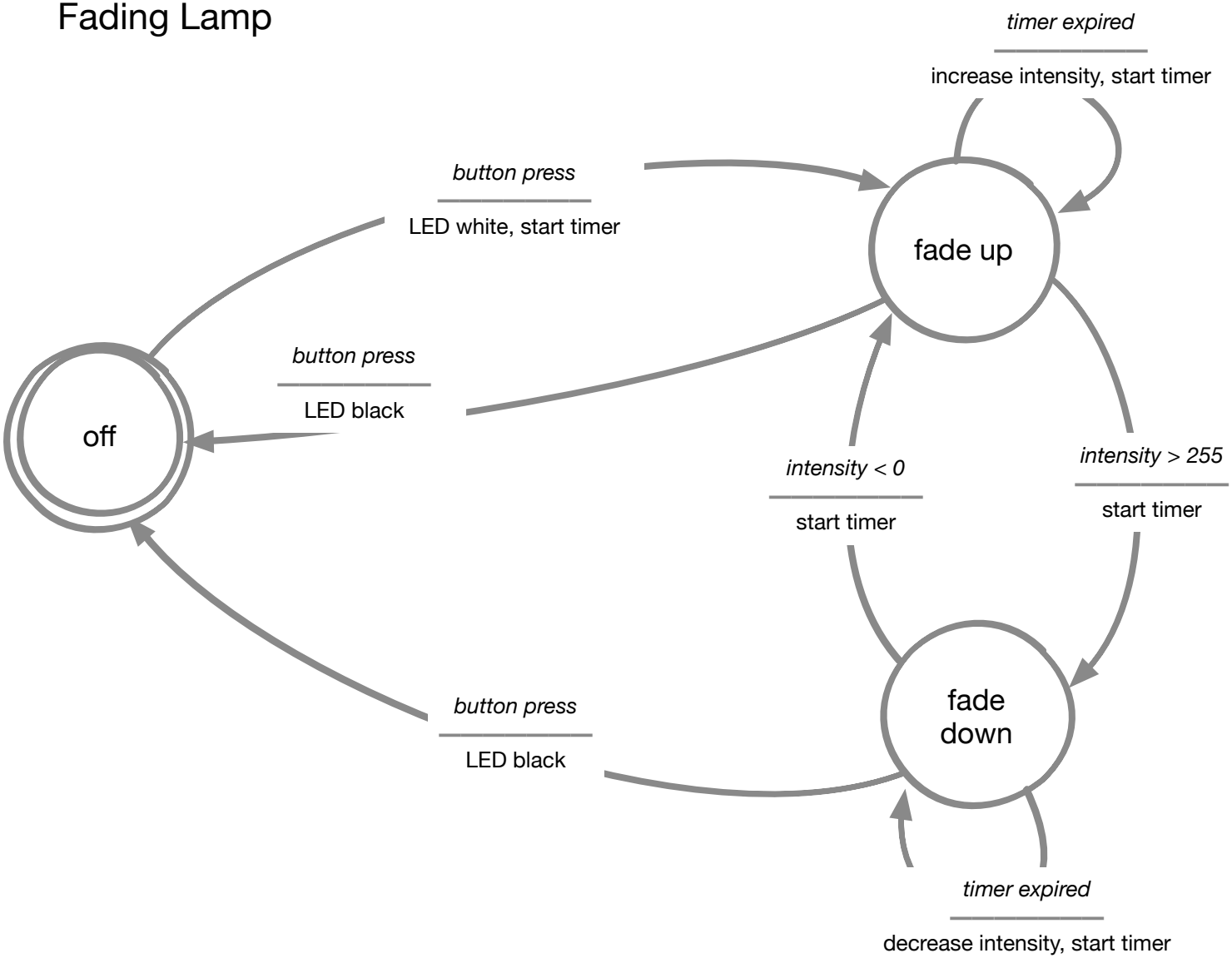
Security lamp



Blinking lamp



Fading Lamp


timer expired
increase intensity, start timer
button press
LED white, start timer
fade up
button press
LED black
off
intensity < 0
start timer
intensity > 255
start timer
button press
LED black
fade
down
timer expired
decrease intensity, start timer