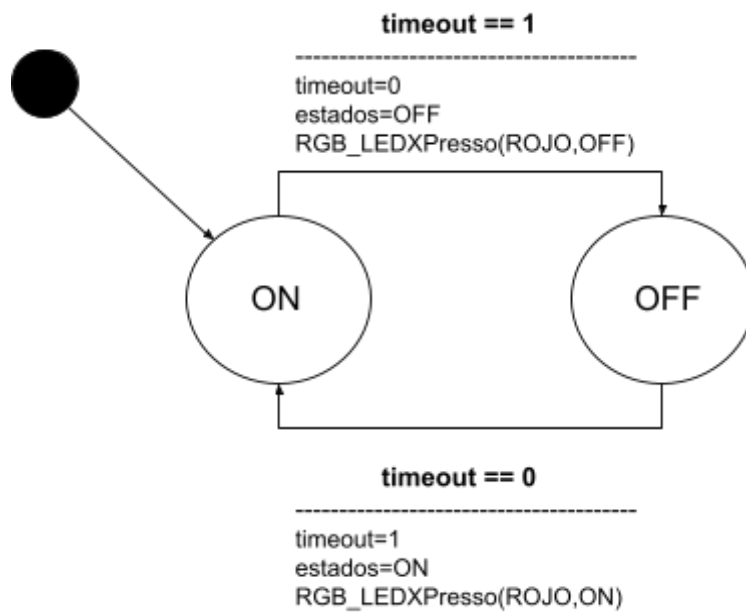
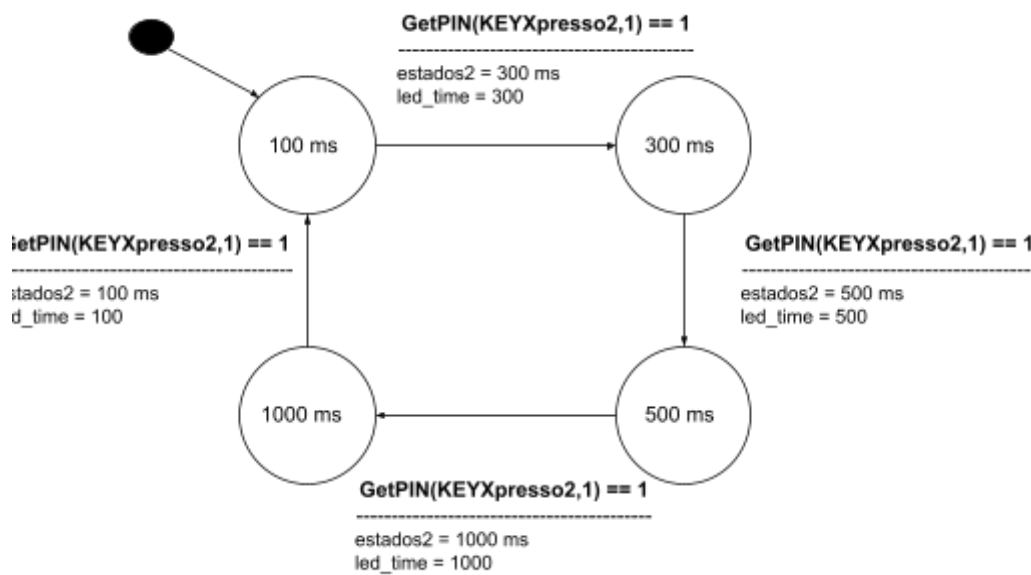


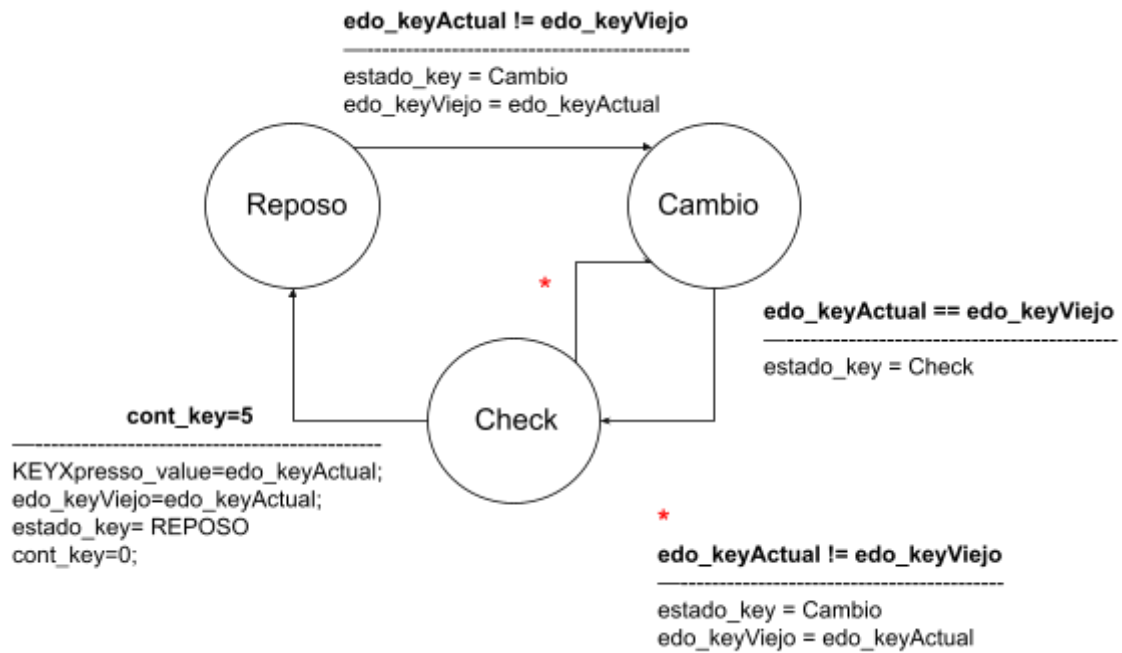
## Máquina de estados de LED



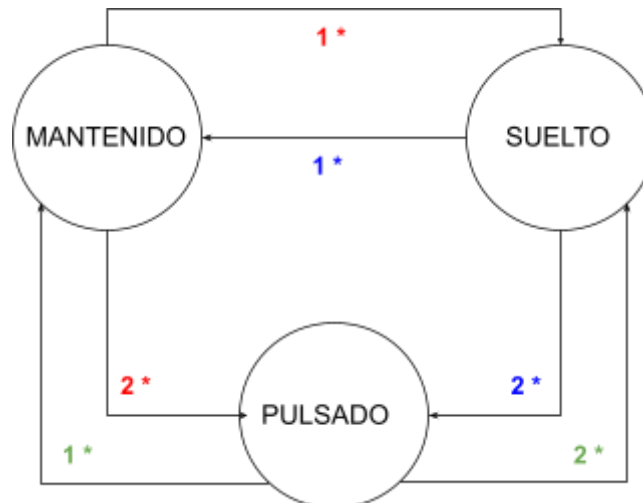
## Máquina de estados de LED parpadeante



## Máquina de estados de Botón



## Máquina de estados Antirrebote



MANTENIDO:

**1\*** **cont\_mantenido>=key\_time && KEYXpresso\_value == 0**

---

key\_stat=SUELTO  
flag\_cambio\_key=OFF;

**2\*** **cont\_mantenido>=key\_time && KEYXpresso\_value == 1**

---

key\_stat=PULSADO  
flag\_cambio\_key=OFF;

SUELTO:

**1\*** **KEYXpresso\_value==0 && flag\_cambio\_key==ON**

---

key\_stat=MANTENIDO  
cont\_mantenido=0;

**2\*** **KEYXpresso\_value == 1**

---

key\_stat=PULSADO

PULSADO:

**1\*** **KEYXpresso\_value==1 && flag\_cambio\_key==ON**

---

key\_stat=MANTENIDO  
cont\_mantenido=0;

**2\*** **KEYXpresso\_value == 0**

---

key\_stat=SUELTO