

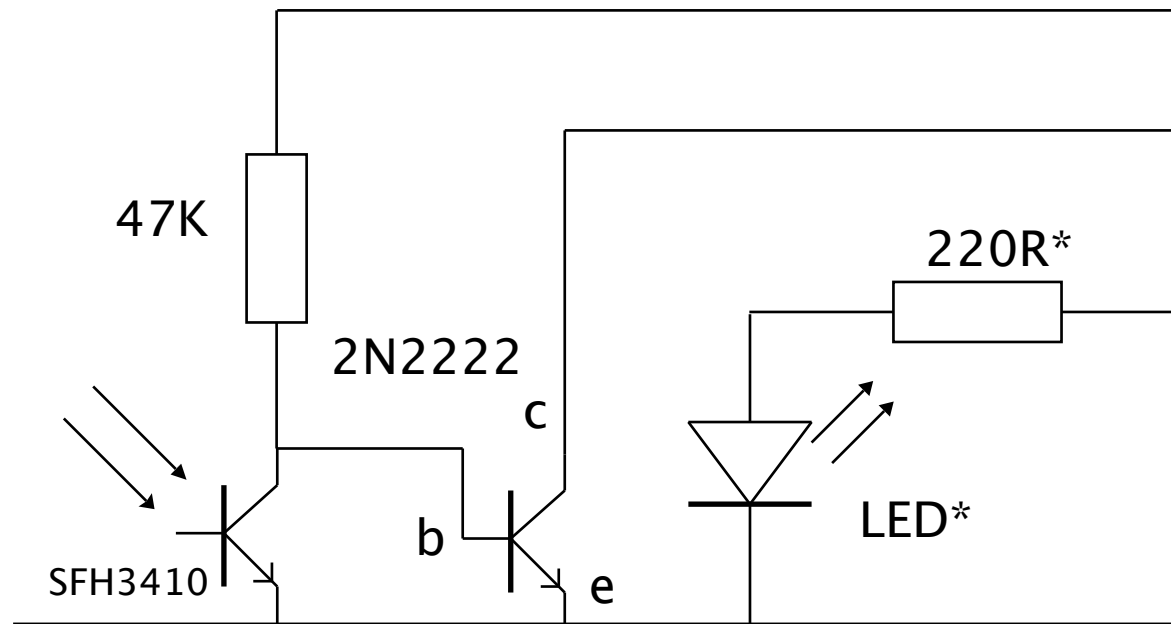
Raspberry Pi

3V3

GPIO 4

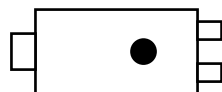
GPIO 23

Ground



SFH3410

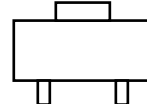
Collector



Not connected

Emitter

c



b e

Transistor

2N2222 or general purpose NPN

* optional test components
see text