Speed Circuit

Pin 3 Input on Arduino

Spdmaxvalue variable

when High → high speed

when Low → Low speed

5V

S1

Pin 3 input
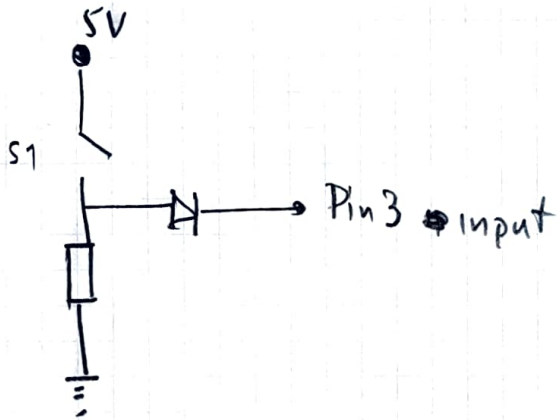
S1 ON, Pin 3 High, Led ON, Speed high

S1 off, Pin 3 Low, Led off Speed Low