### Wemos Button Shield

Pushbutton connected with pin D3

**Pins**

**Pin** **Function**

D3 IO, 10k Pull-up

G Ground

5V 5V

3V3 3.3V

All IO pins are running on 3.3V.

**Example code**

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\* 1 Button Shield - Simple Push

\* Press the pushbutton to switch on the LED

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\* 1 Button Shield pushbutton connects pin D3 to GND

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const int buttonPin = D3;

const int ledPin = BUILTIN\_LED;

int buttonState = 0;

void setup() {

pinMode(buttonPin, INPUT);

pinMode(ledPin, OUTPUT);

// set initial state, LED off

digitalWrite(ledPin, buttonState);

}

void loop() {

// read button state, HIGH when pressed, LOW when not

buttonState = digitalRead(buttonPin);

// if the push button pressed, switch on the LED

if (buttonState == HIGH) {

digitalWrite(ledPin, HIGH); // LED on

} else {

digitalWrite(ledPin, LOW); // LED off

}

}