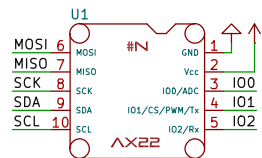


AX22 - MODULE



SNIPPET

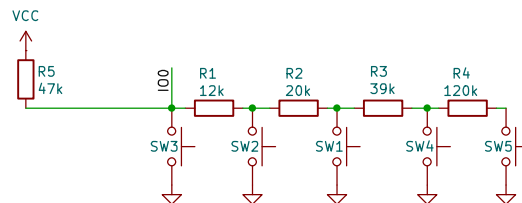
```
#define BUTTONS 5
#define RESOLUTION 1023

int readAnalogButton() {
    float avg = RESOLUTION / float(BUTTONS);
    int val = analogRead(ANALOG_PIN);

    if (val > (BUTTONS - 0.5) * avg) {
        return 0;
    }

    for (int i = 0; i < BUTTONS; i++) {
        if (val < round((i + 0.5) * avg)) {
            return i + 1;
        }
    }

    return 0;
}
```



Axiometa

Sheet: /

File: AX22_D-Pad.kicad_sch

Title: AX22-0016-D Pad

Size: A4

Date: 2025-04-29

Rev: 1

KiCad E.D.A. 9.0.2

Id: 1/1