

ME210 Introduction to Mechatronics

Lab 1 Prelab

Winter 2026

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Prelab

0.1)

a. 220Ω

b. $1k\Omega$

c. $47k\Omega$

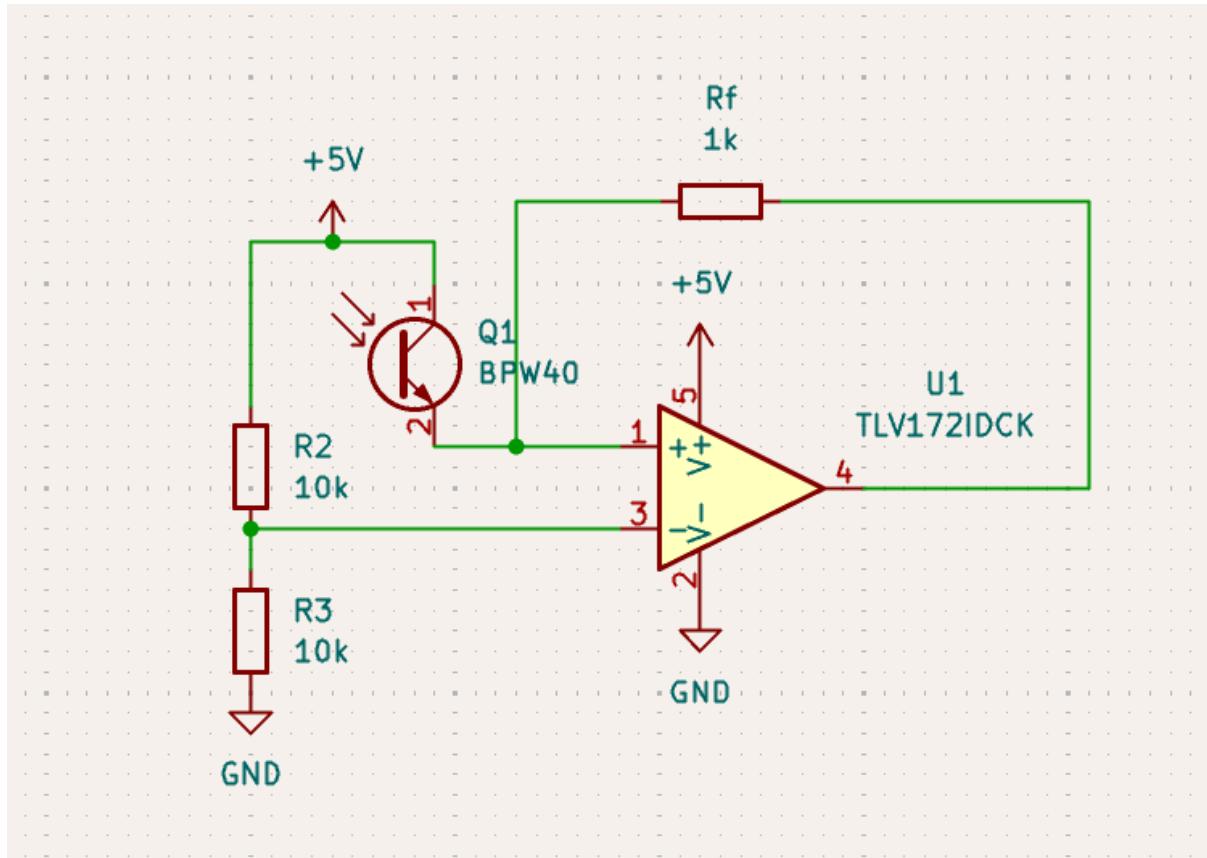
d. $1M\Omega$

0.2)

a. $22 * 10^3 \text{ pF} = 22\text{nF}$

b. $47 * 10^6 \text{ pF} = 47\mu\text{F}$

0.3)



0.4)

```
#include <SPI.h>

void setup(){
    Serial.begin(9600);
}

void loop(){
    delay(1000) //1000ms;
    Serial.println("Hello, World!");
}
```