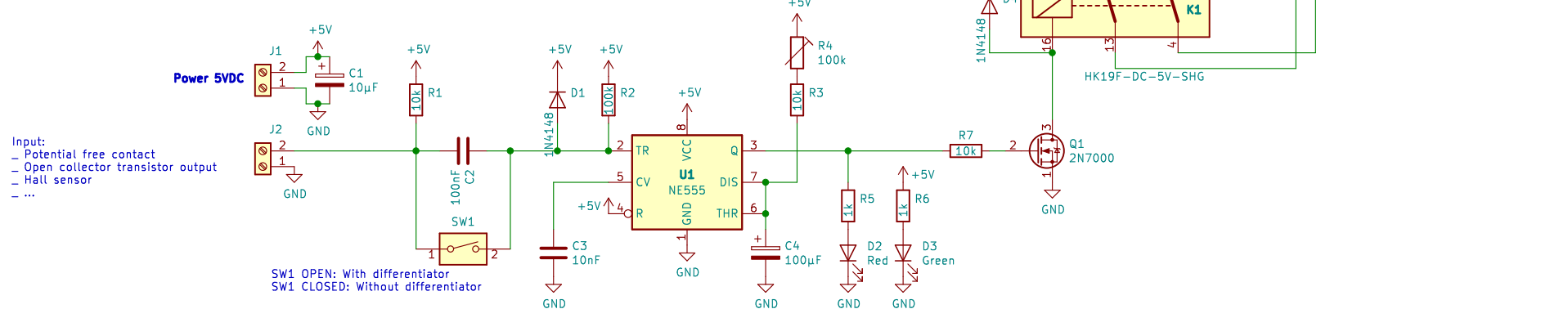


$$T = 1.1 \times R \text{ (ohm)} \times C \text{ (Farad)}$$

$$T = 1.1 \times 10000 \text{ (10k)} \times 0.0001 \text{ (100}\mu\text{F)} = 1.1 \text{ sec. (R4 = 0)}$$

$$T = 1.1 \times 110000 \text{ (110k)} \times 0.0001 \text{ (100}\mu\text{F)} = 12.1 \text{ sec. (R4 = 100k)}$$

Output time: approximately 1...15 sec.



2022/11/18: Added Q1 and R7

Sheet: /  
 File: 555 Timer Relais.sch

**Title: 555 Timer with Relay**

Size: A4 Date: 2022-10-04

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Rev: 1

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