

A project by:

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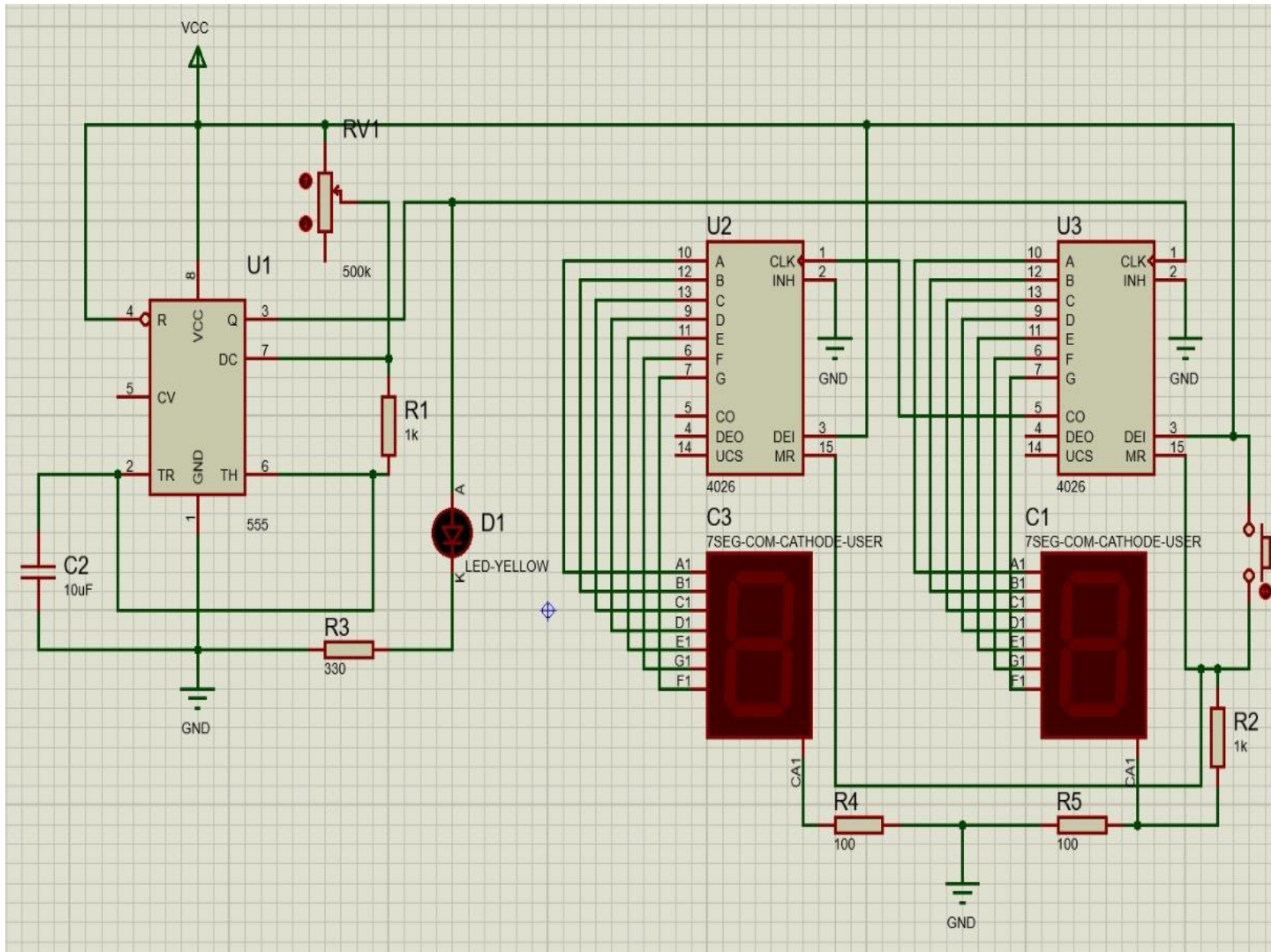
Logic Circuit CCE302



**Two-digit
Counter**

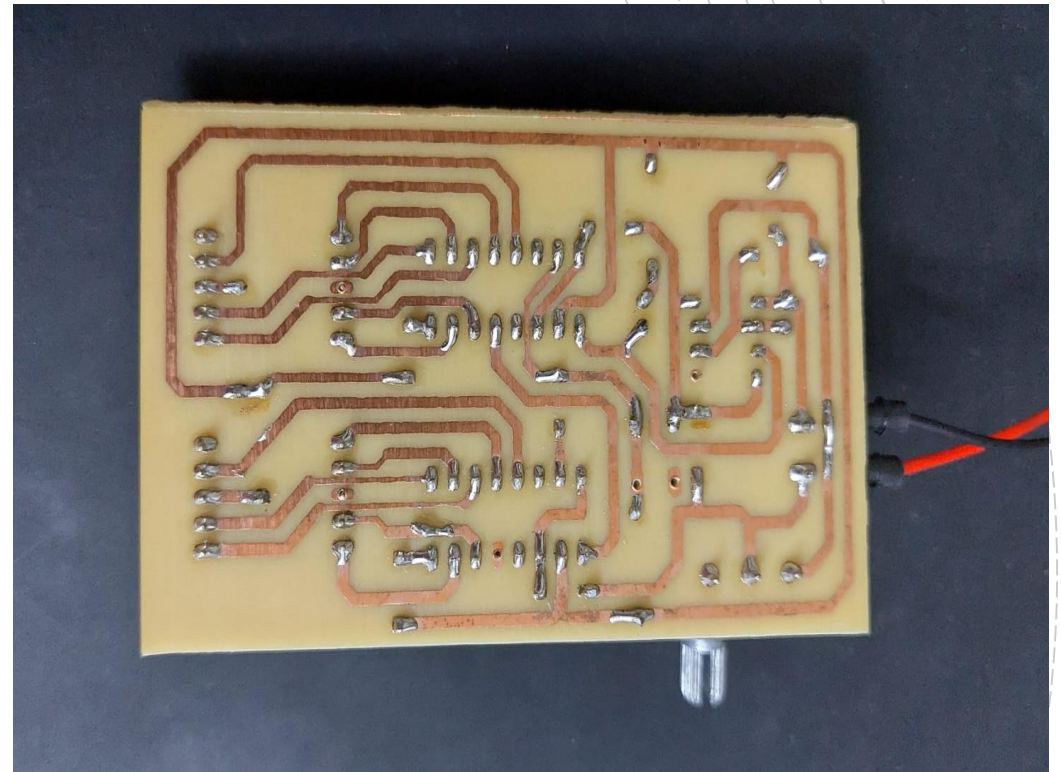
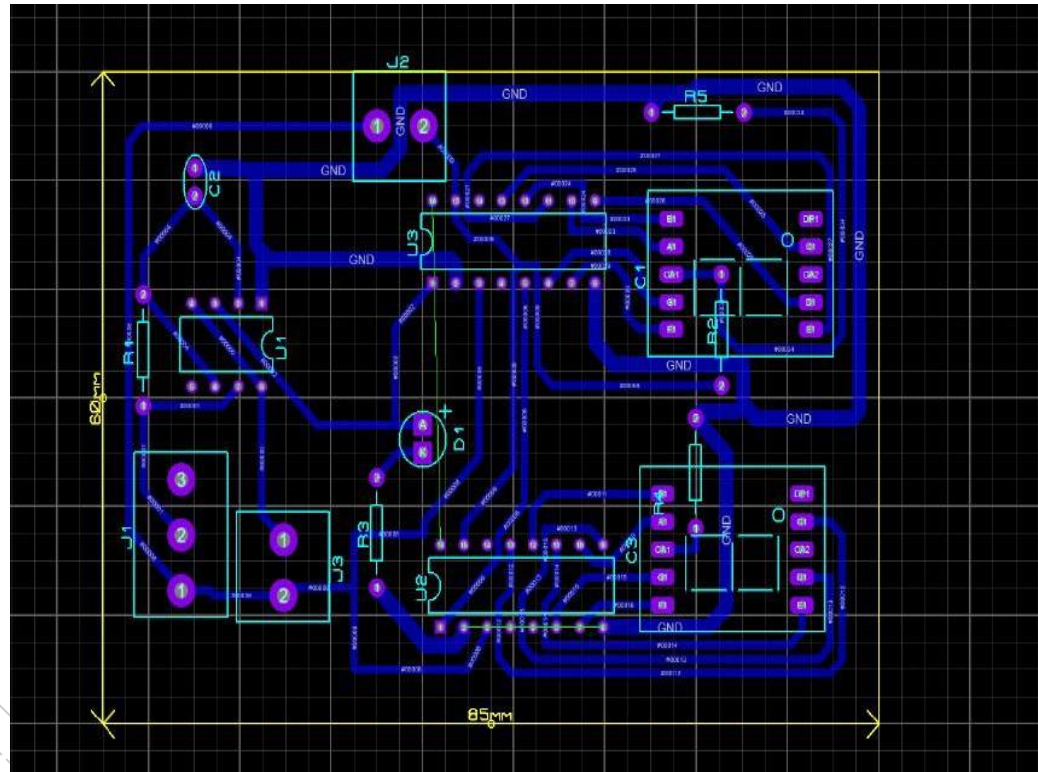
The Idea:

- A digital counter circuit is an electronic circuit that counts and records the number of events or pulses. Counters are fundamental components in digital electronics and find applications in various fields, including signal processing, timing, and control systems. They are implemented using flip-flops and combinational logic gates to achieve the counting functionality.
- In this circuit we're using IC 555 and IC 4026 for 7-segment to count from 0 to 99 and then reset.



The
Schematic

PCB Layout



Circuit in Real

