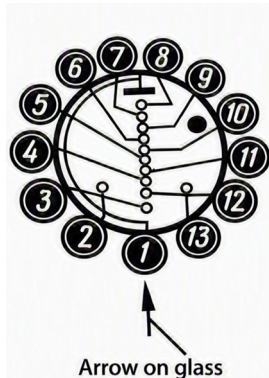


IN-14 (ИН-14) Nixie Tube SPICE Macro Model

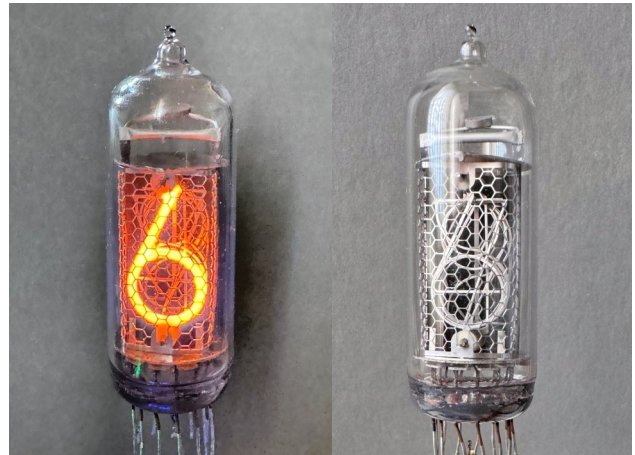
A Nixie tube, or cold cathode display, is an electronic device used for displaying numerals or other information using glow discharge. Nixie displays were developed by the Haydu Brothers Laboratories- a small electron-tube manufacturing company founded by György K. Haydu and Zoltán Haydu, a pair of Hungarian brothers who emigrated at the beginning of World War II- and were introduced in 1955 by the Burroughs Corporation, which acquired Haydu and registered the Nixie trademark.

The IN-14 (Russian) tube displays 0-9 and left&right DPs.

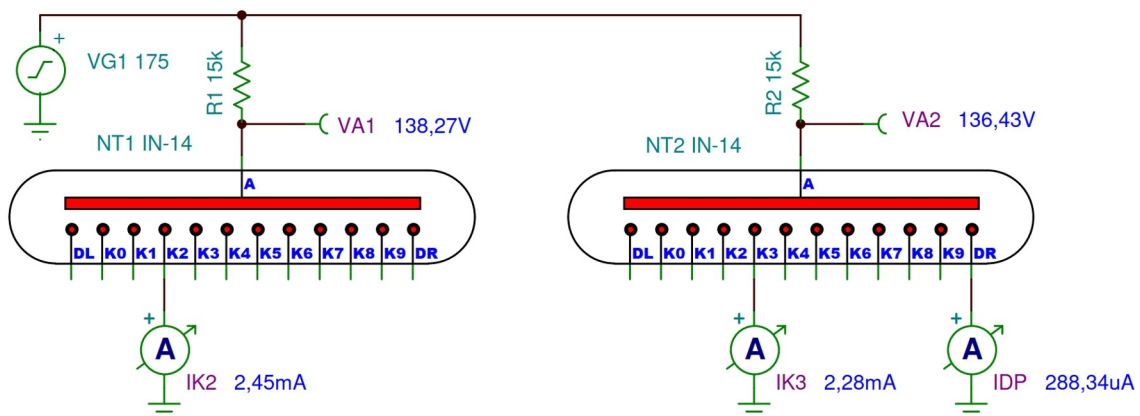
IN-14 Pinout



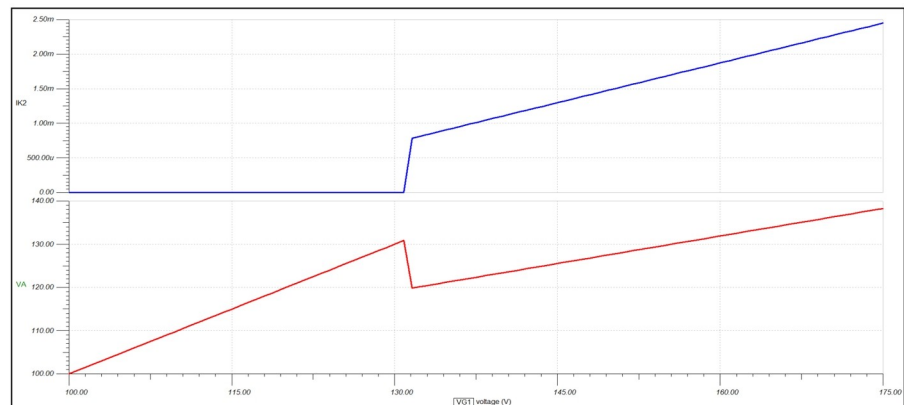
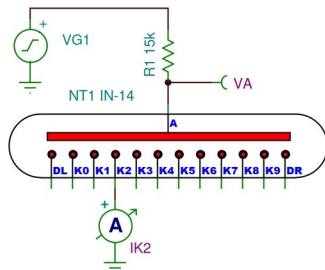
Pin number	Description
1	Anode
2	Cathode comma
3	Cathode "1"
4	Cathode "2"
5	Cathode "3"
6	Cathode "4"
7	Cathode "5"
8	Cathode "6"
9	Cathode "7"
10	Cathode "8"
11	Cathode "9"
12	Cathode "0"
13	Cathode comma



DC Characteristics



Nixies exhibit negative resistance and will maintain their glow at typically 10 V to 30 V below the strike voltage.



The negative resistance of the decimal point shows similar behavior, though at a lower current level and with a higher internal resistance.