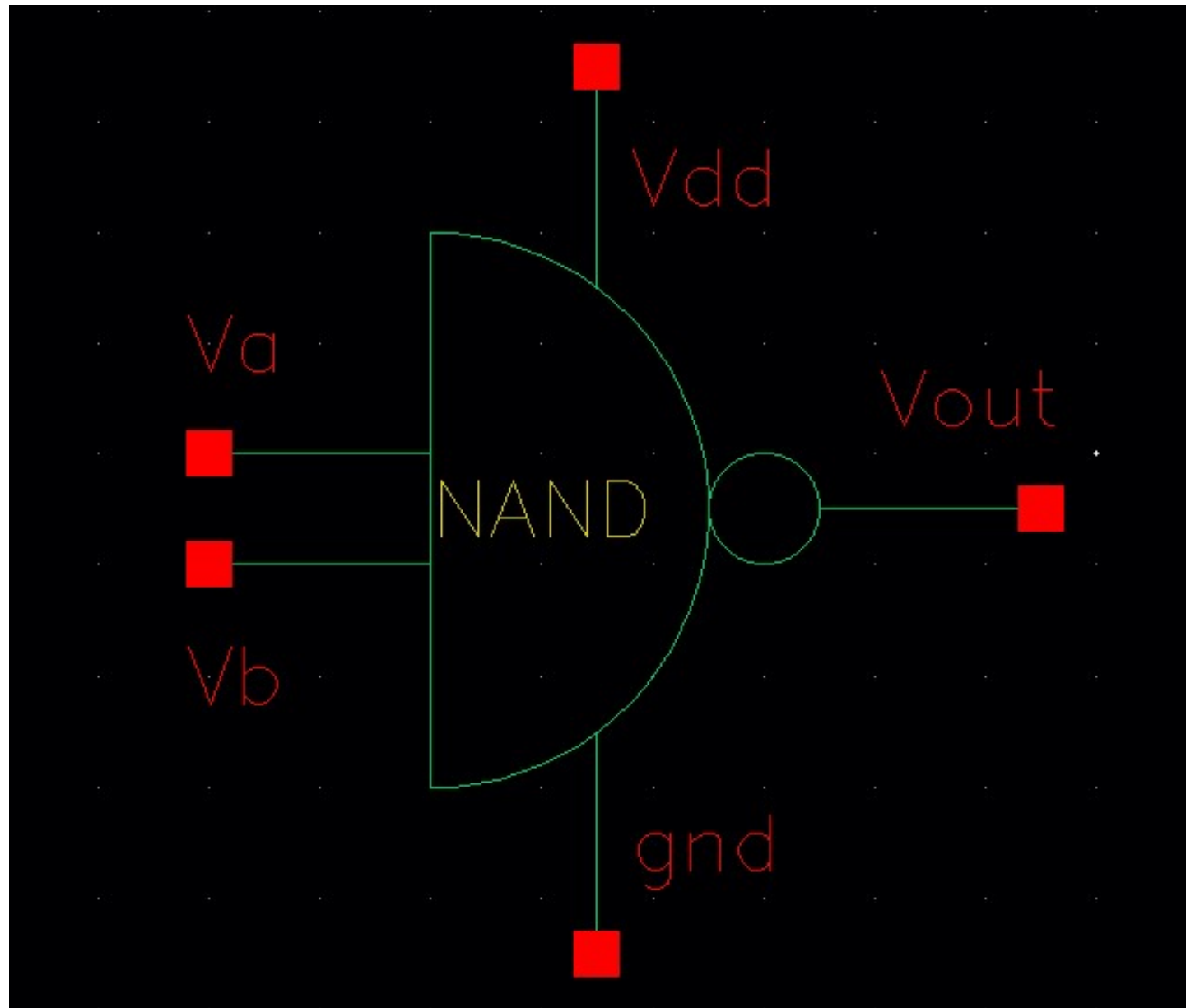
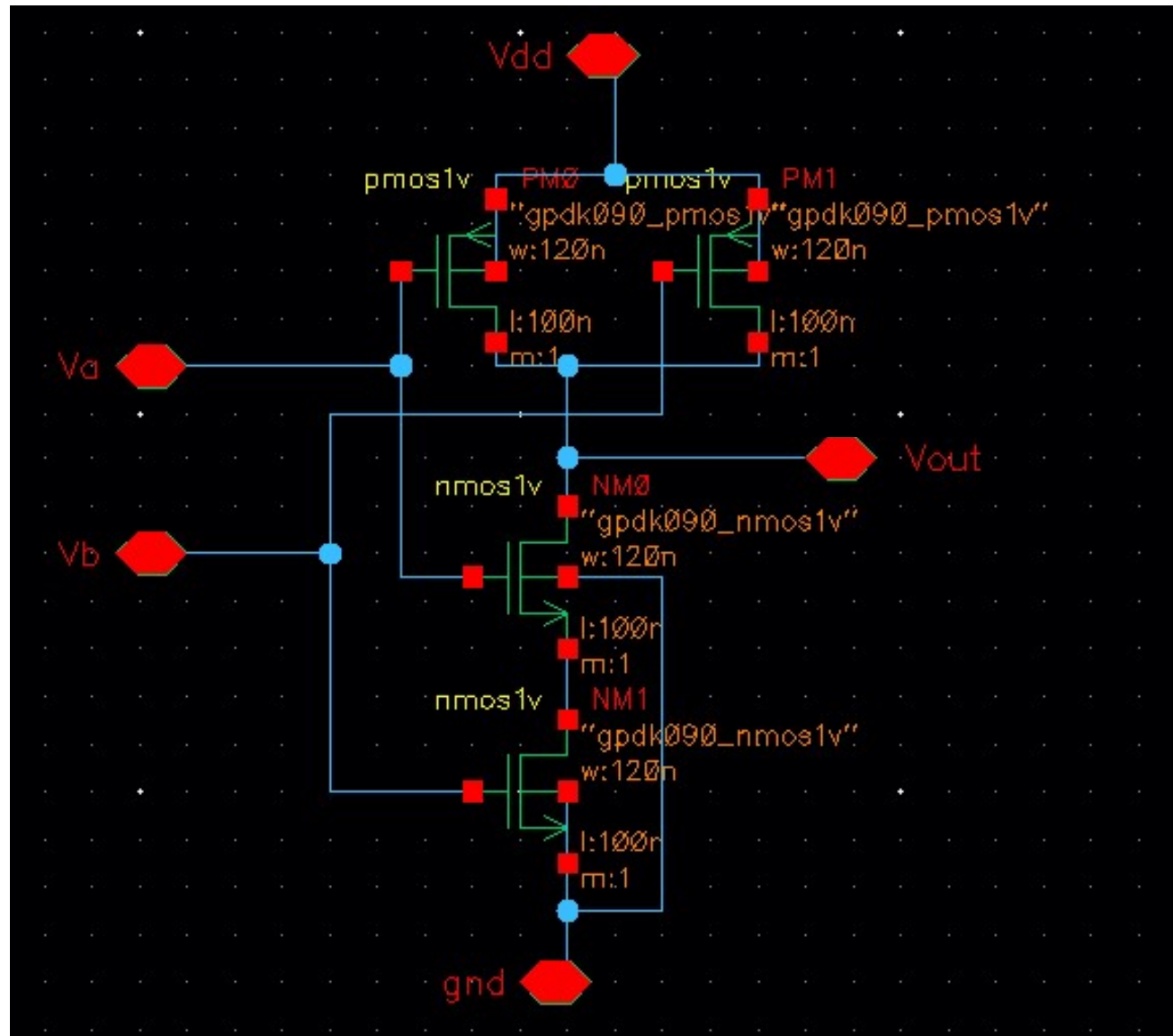


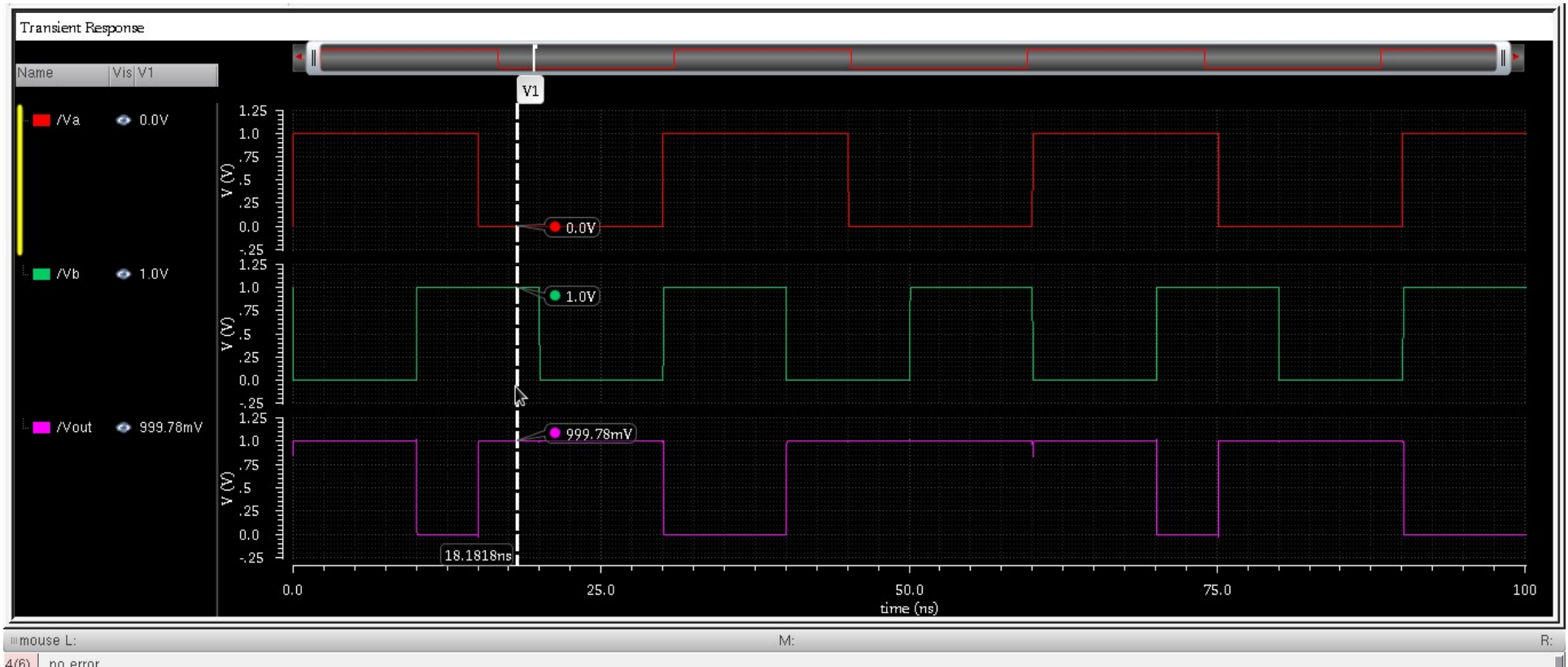
Symbolic Representation



Schematic Representation



Transient Waveform

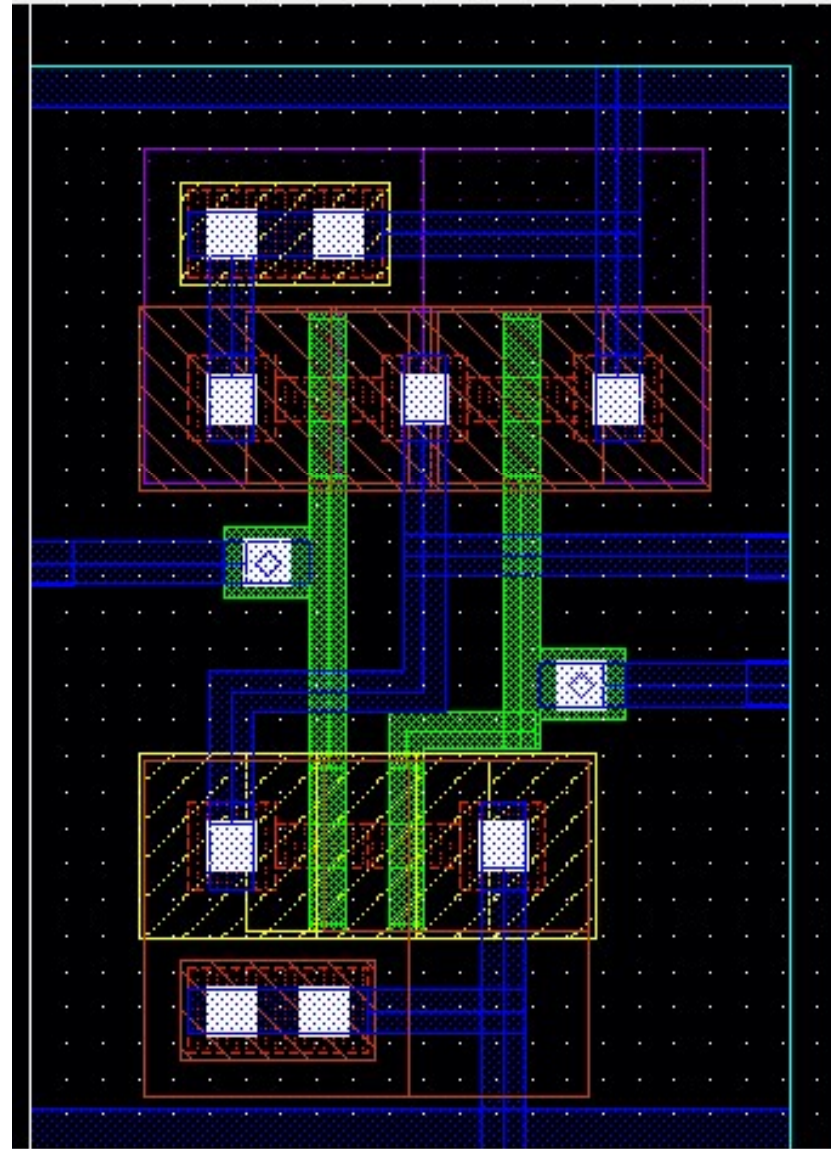


Power Consumption

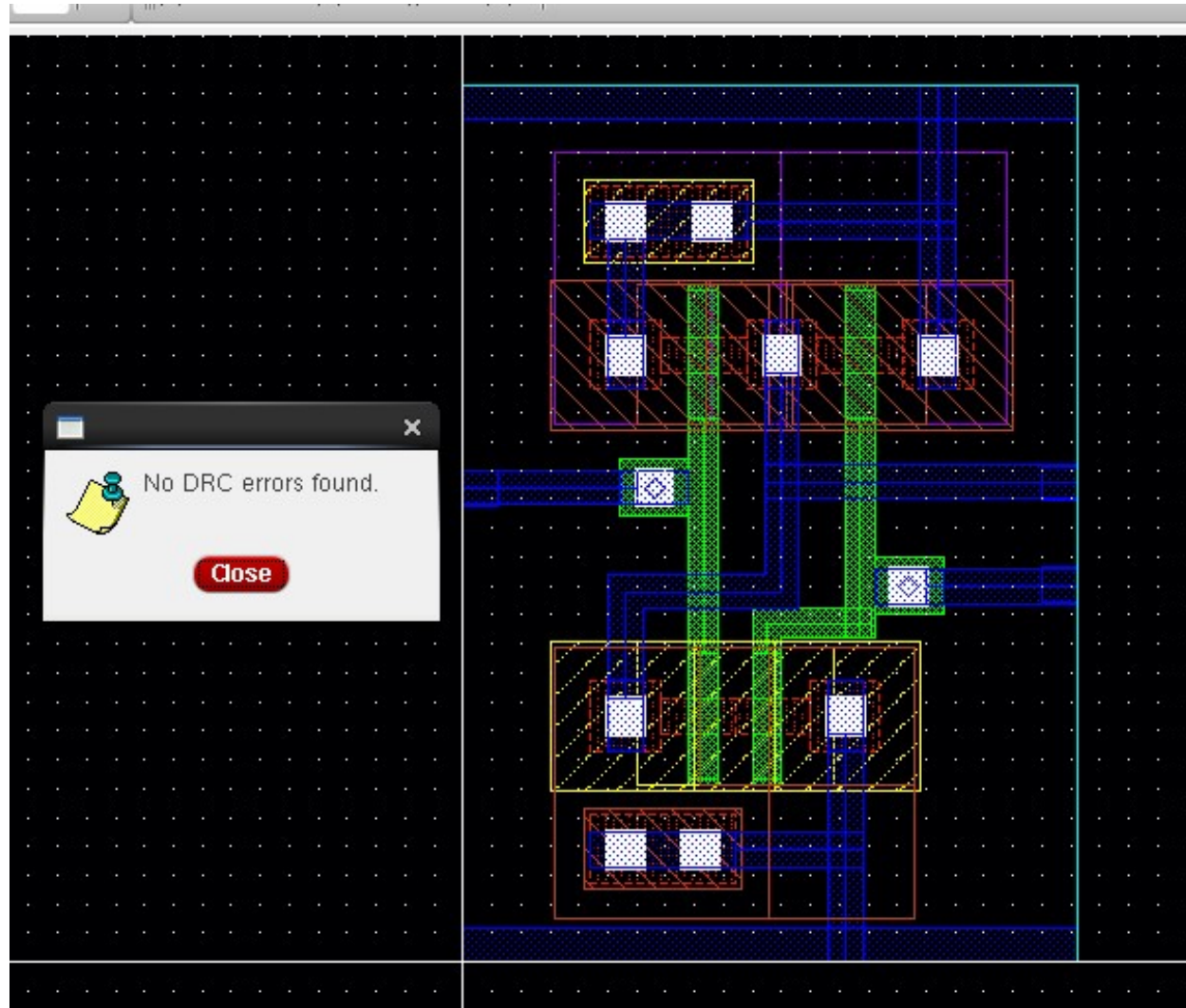
The screenshot displays a circuit simulation software interface with the following components:

- Menu Bar:** File, Tools, View, Options, Constants, Help.
- Results Path:** In Context Results DB: /home/buet/simulation/NAND_gate/spectre/schematic/psf
- Plot Controls:** app, plot, erplot. A grid of radio buttons for various analysis types: vt, vf, vdc, vs, op, var, vn, sp, vswr, hp, zm, it, if, idc, is, opt, mp, vn2, zp, yp, gd, data.
- Display Options:** Off, Family, Wave, Clip (checked), Append, Rectangular (selected), and a settings gear icon.
- Calculator:** A 'Key ...' window with a numeric keypad and a display showing $701.0E-3$.
- Toolbar:** Includes icons for undo, redo, pop insert, and various plot manipulation tools, along with 'expr' buttons and a 'ME' label.
- Stack:** A list of expressions for power calculation:
 - average(v("/Vout" ?result "tran"))
 - average((" /Vout" ?result "tran"))
 - v("/Vout" ?result "tran")

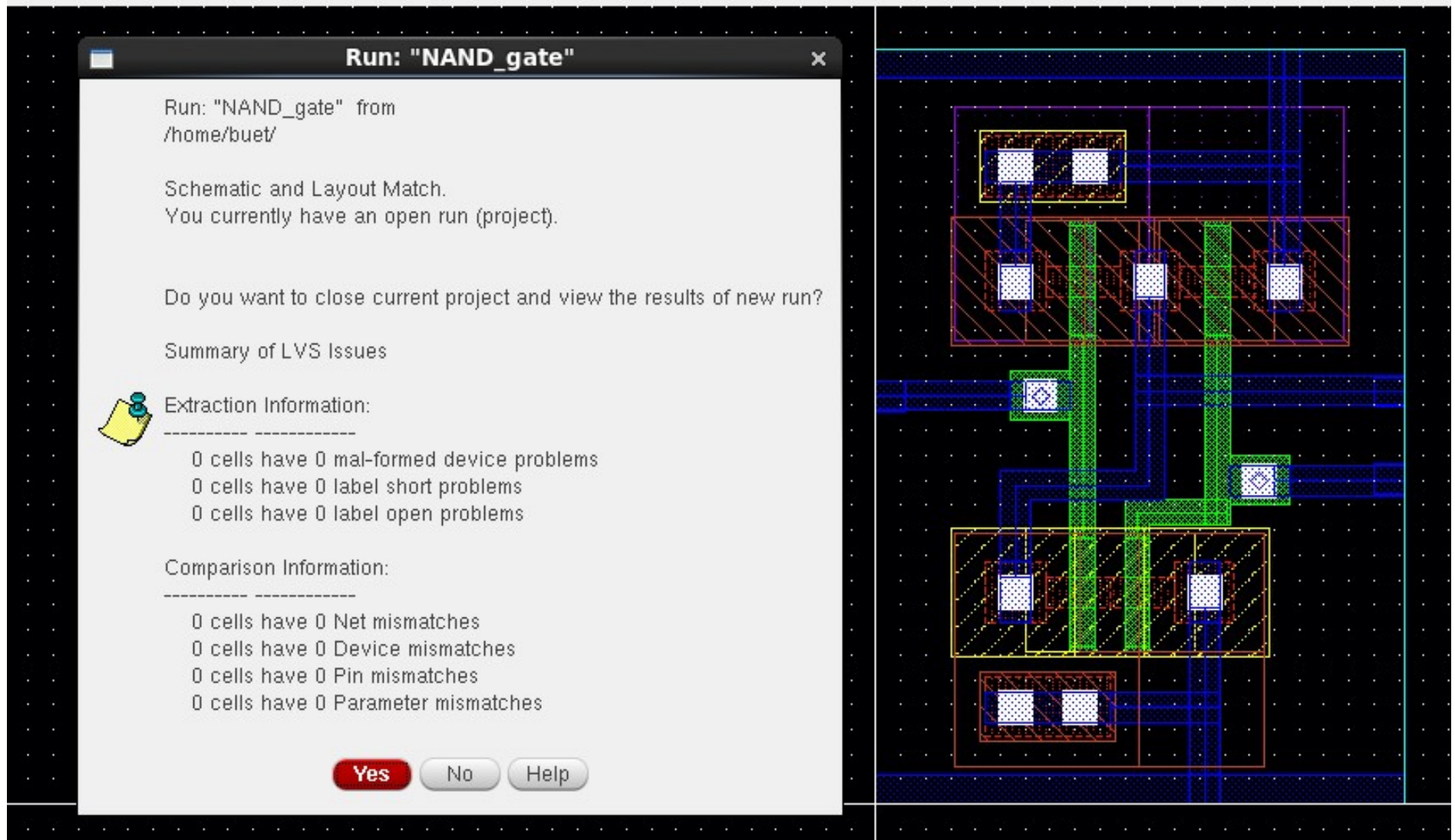
Layout



No DRC Error found



LVS with No mismatch




Run: "NAND_gate"

Run: "NAND_gate" from
/home/buet/

Schematic and Layout Match.
You currently have an open run (project).

Do you want to close current project and view the results of new run?

Summary of LVS Issues

 Extraction Information:

- 0 cells have 0 mal-formed device problems
- 0 cells have 0 label short problems
- 0 cells have 0 label open problems

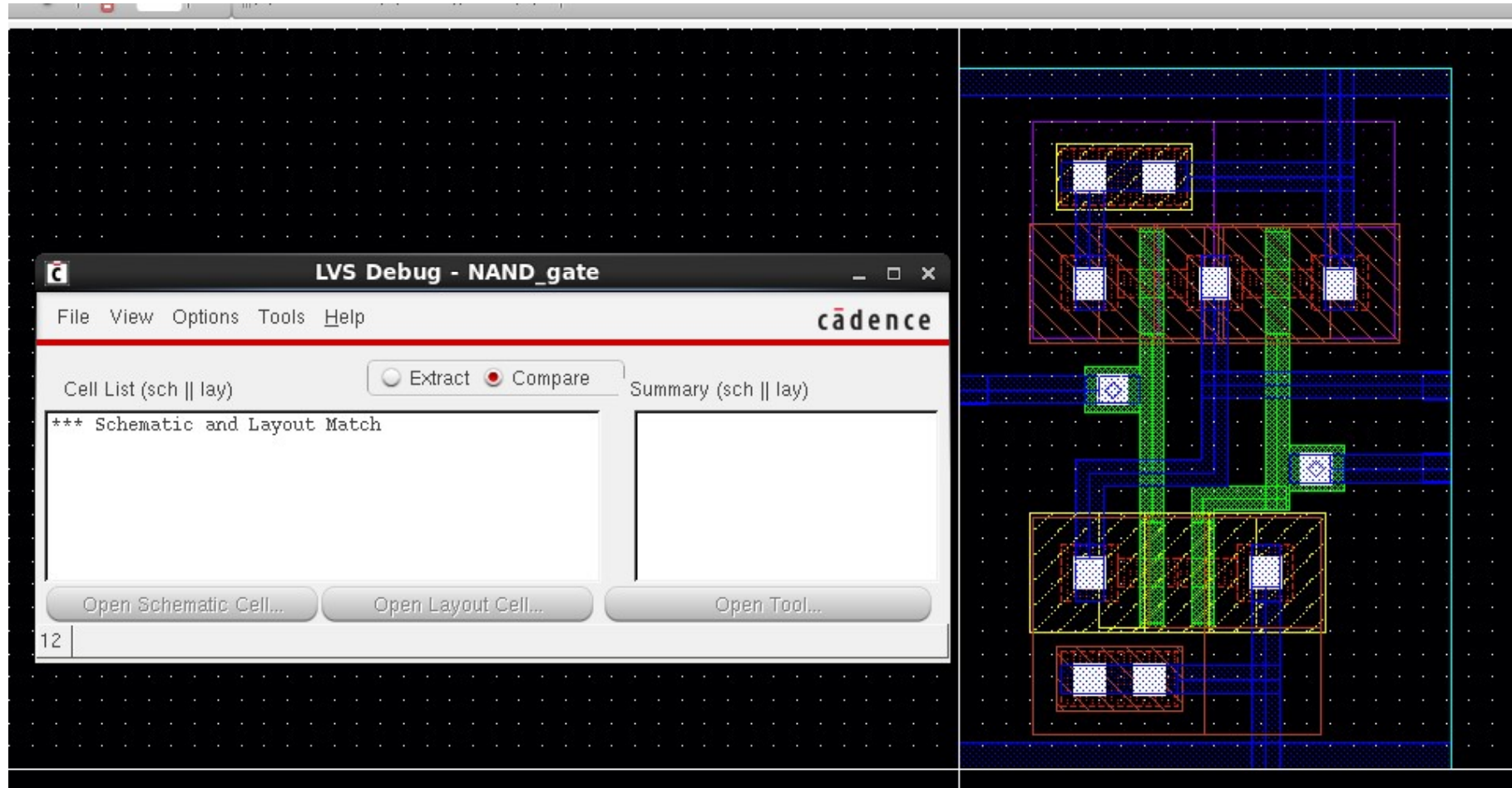
Comparison Information:

- 0 cells have 0 Net mismatches
- 0 cells have 0 Device mismatches
- 0 cells have 0 Pin mismatches
- 0 cells have 0 Parameter mismatches

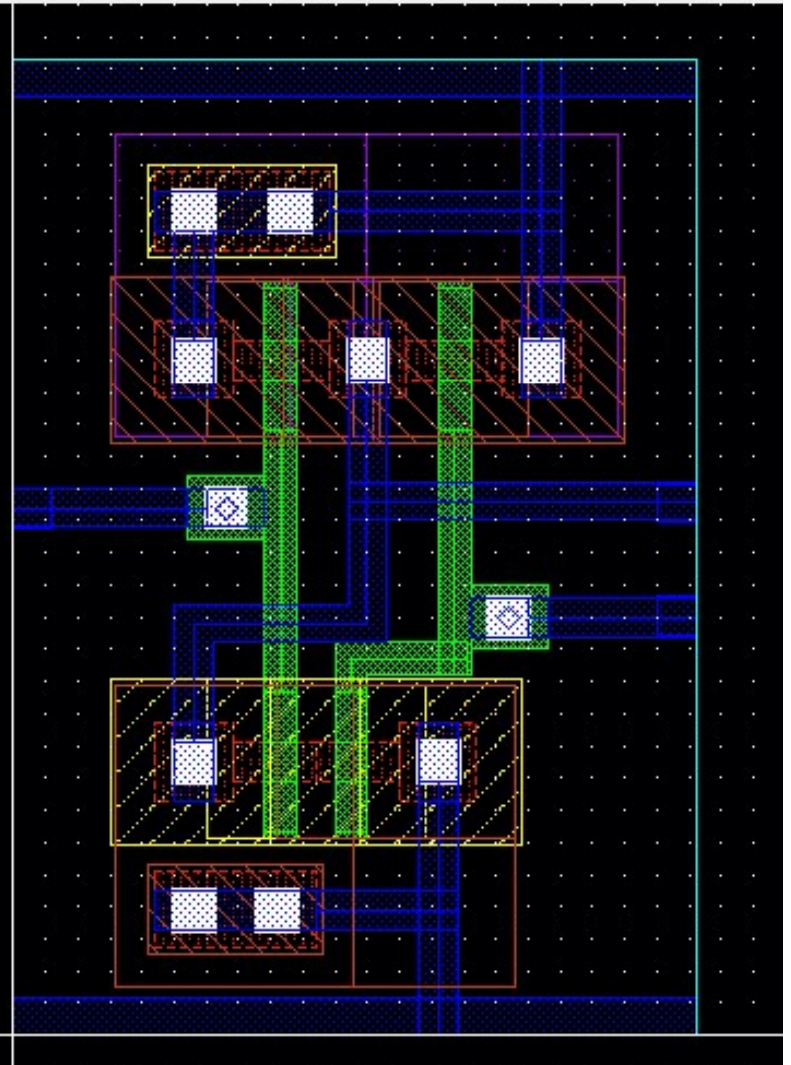
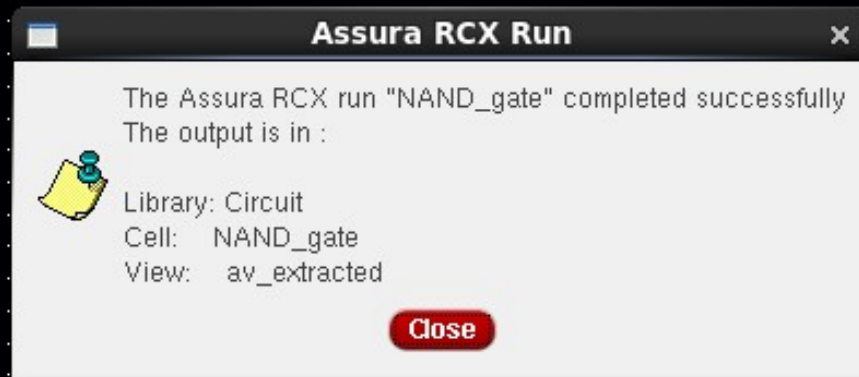
Yes No Help

The right panel displays a detailed layout of a NAND gate. It features a central vertical green structure, likely representing the gate's core, surrounded by various components and connections. The layout is overlaid on a grid, and the components are color-coded (blue, green, red, yellow) to indicate different types of elements or their status.

LVS Matched



RCX Run



AV Extraction View

