Chapter 3

Composer Schematic Capture

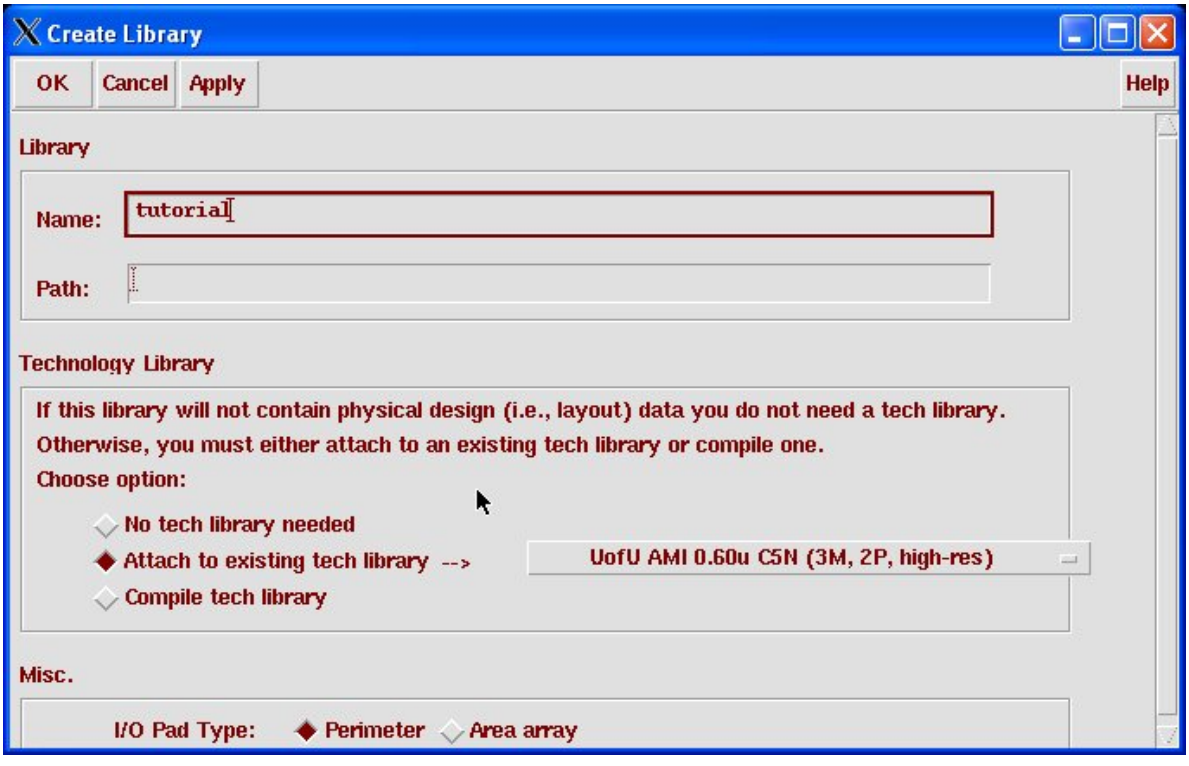

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Figure 3.1: Library creation dialog box in the **Library Manager**

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Figure 3.2: New cell dialog box in the **Library Manager**

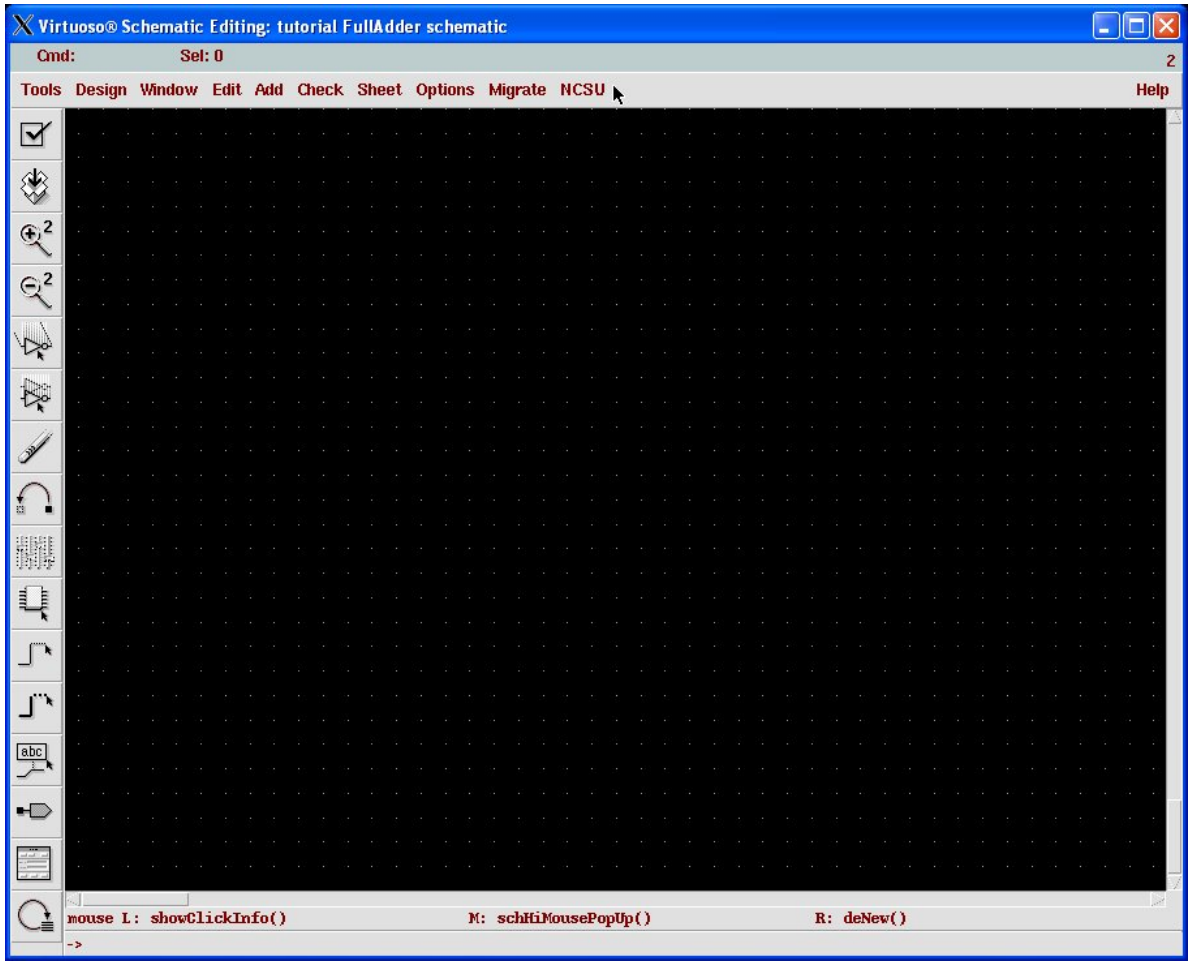

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Figure 3.3: Blank Composer window; note the command widgets on the left of the screen

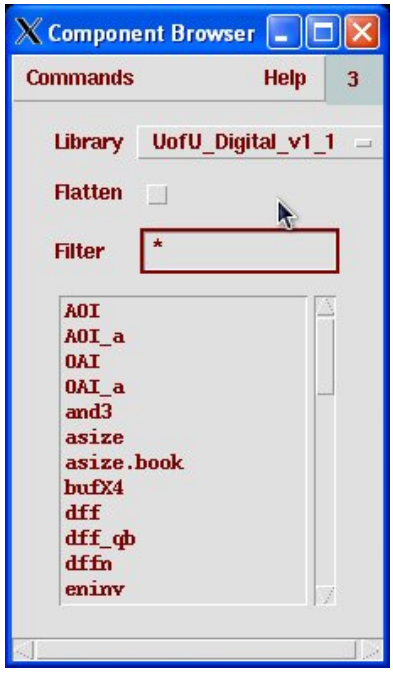

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Figure 3.4: Component Browser dialog

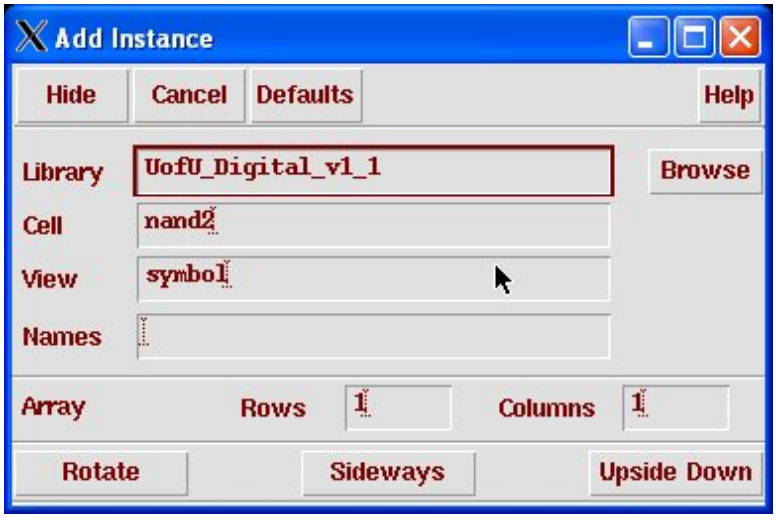

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Figure 3.5: Add Instance dialog box

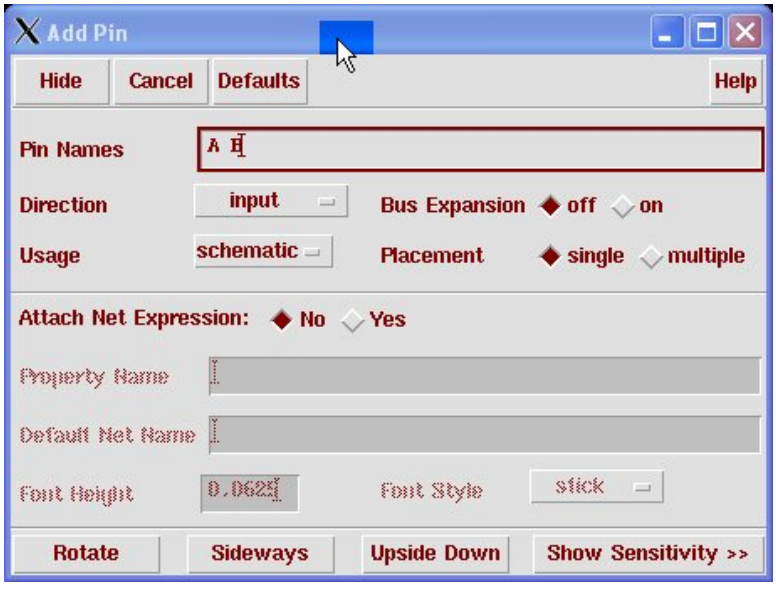

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Figure 3.6: Add Pin dialog box

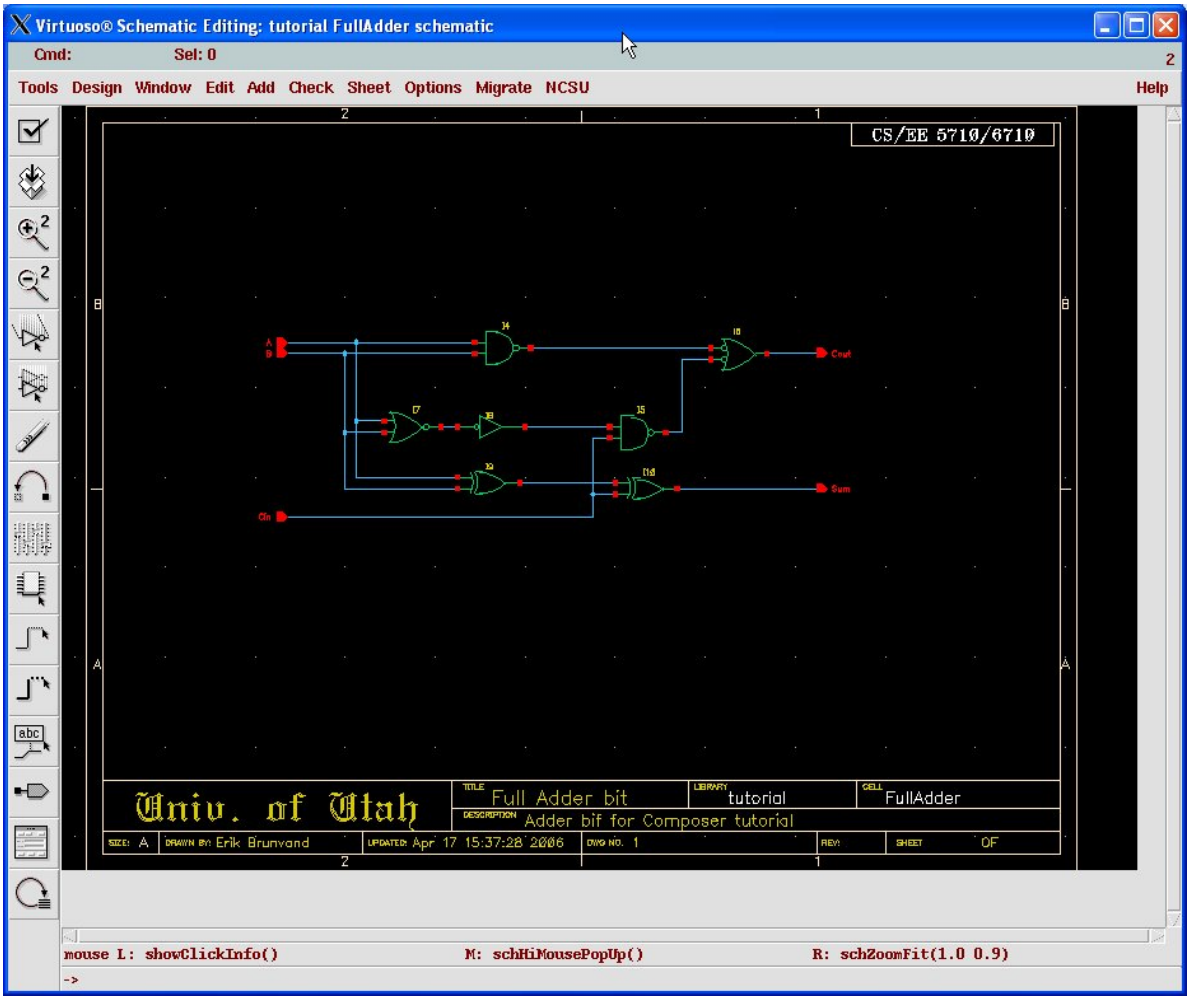

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Figure 3.7: A full adder bit schematic

Figure 3.8: A simple symbol for the FullAdder circuit

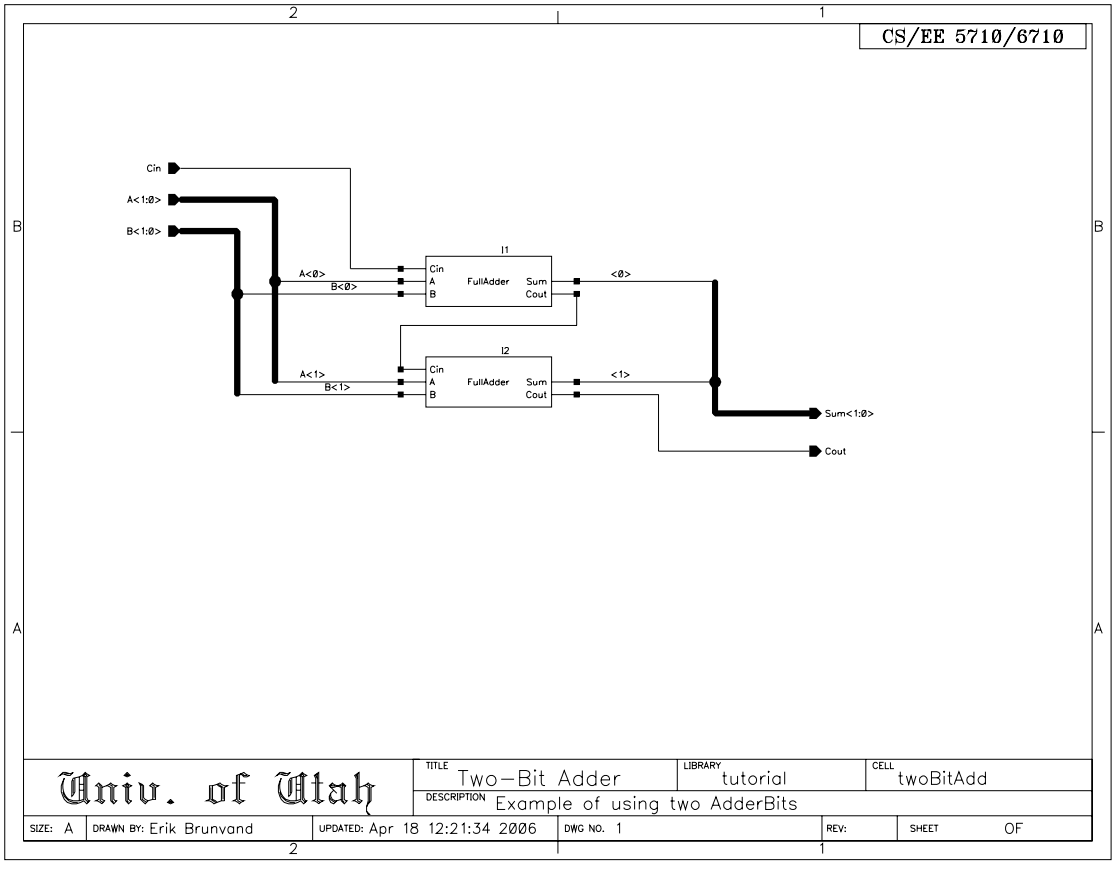

Figure 3.9: A two-bit adder using FullAdder bits

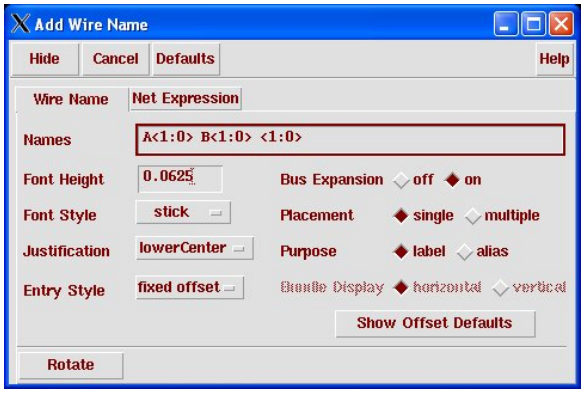

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Figure 3.10: The Wire Name dialog box

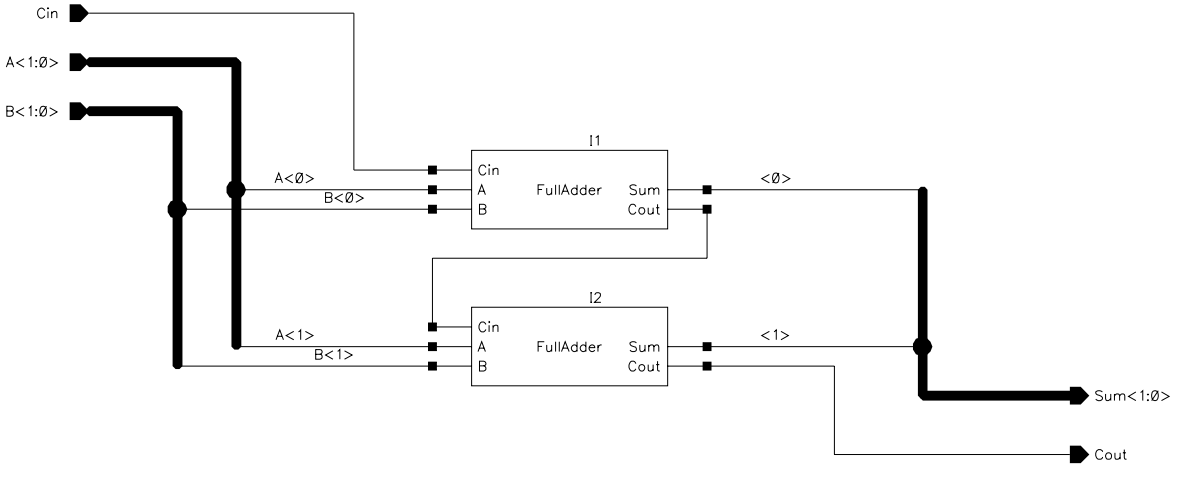

Figure 3.11: Close view of the twoBitAdd showing the bus naming

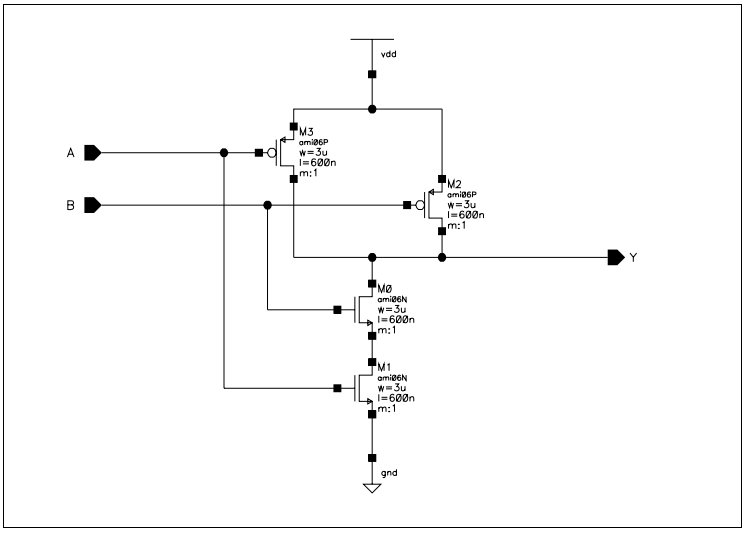

Figure 3.12: Transistor schematic for a two-input NAND gate

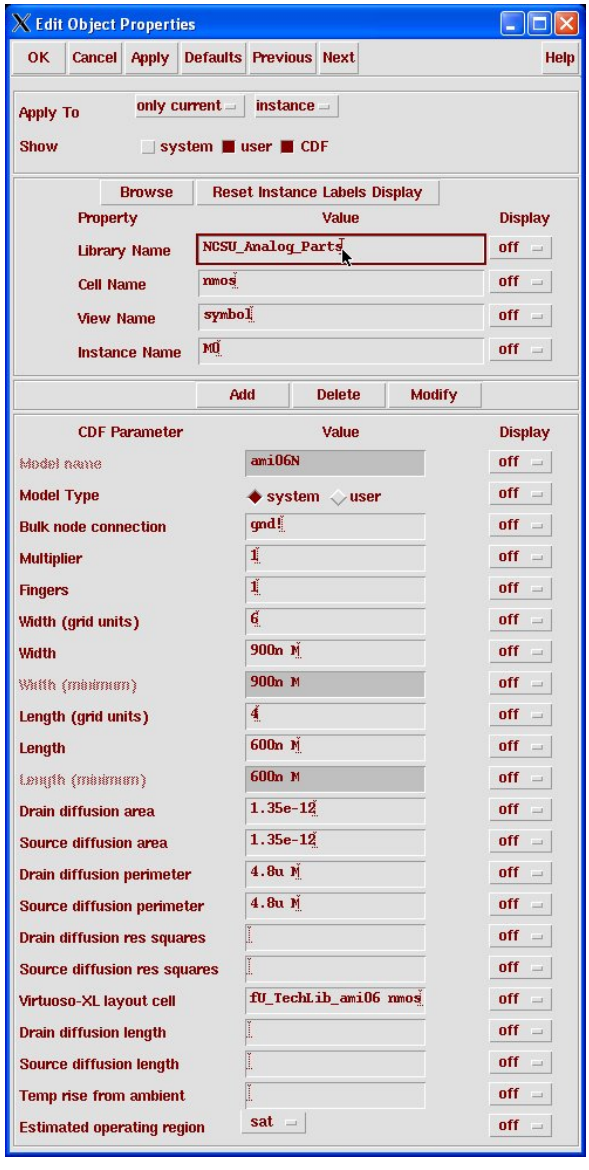

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Figure 3.13: Device properties for an **nmos** device

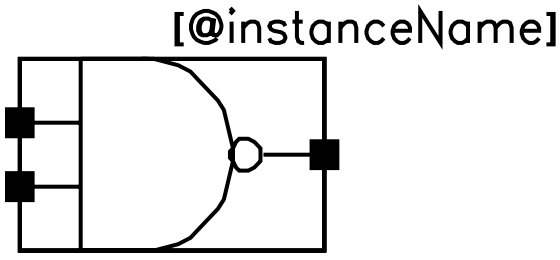

Figure 3.14: A symbol for the nand2 circuit

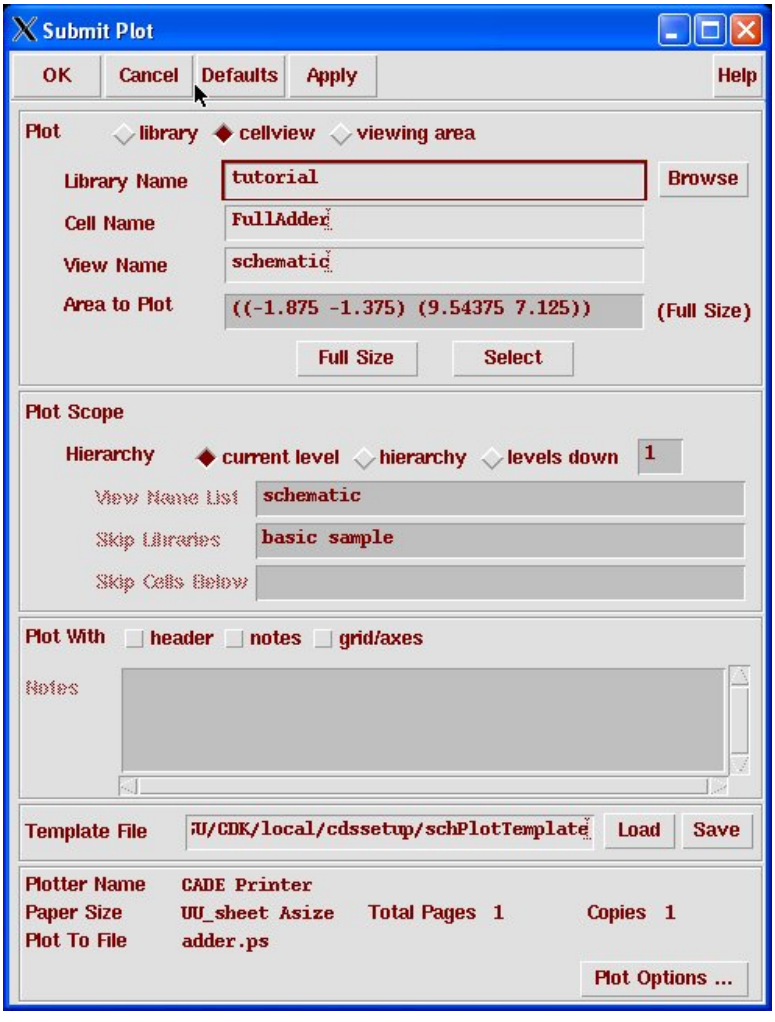

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Figure 3.15: Dialog box for Submit Plot

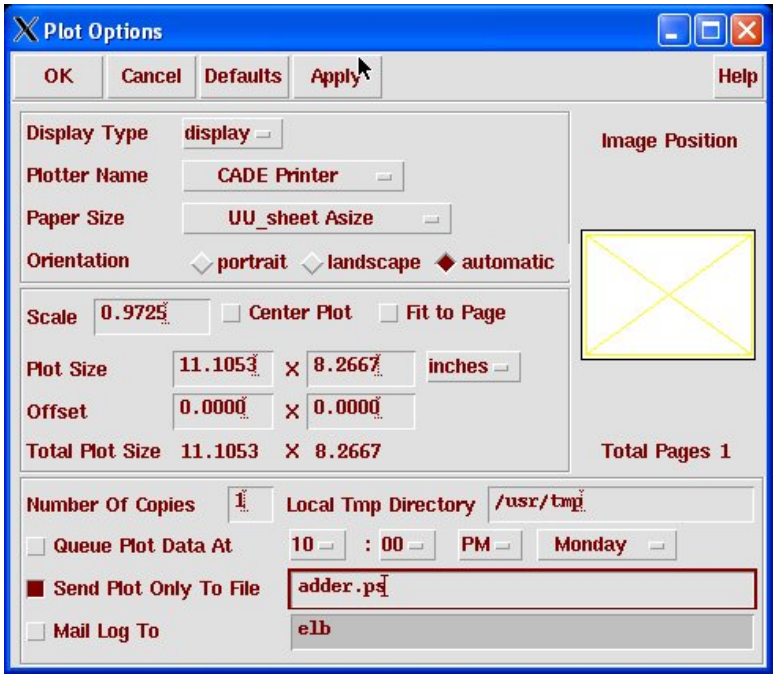

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Figure 3.16: Dialog box for Plot Options