

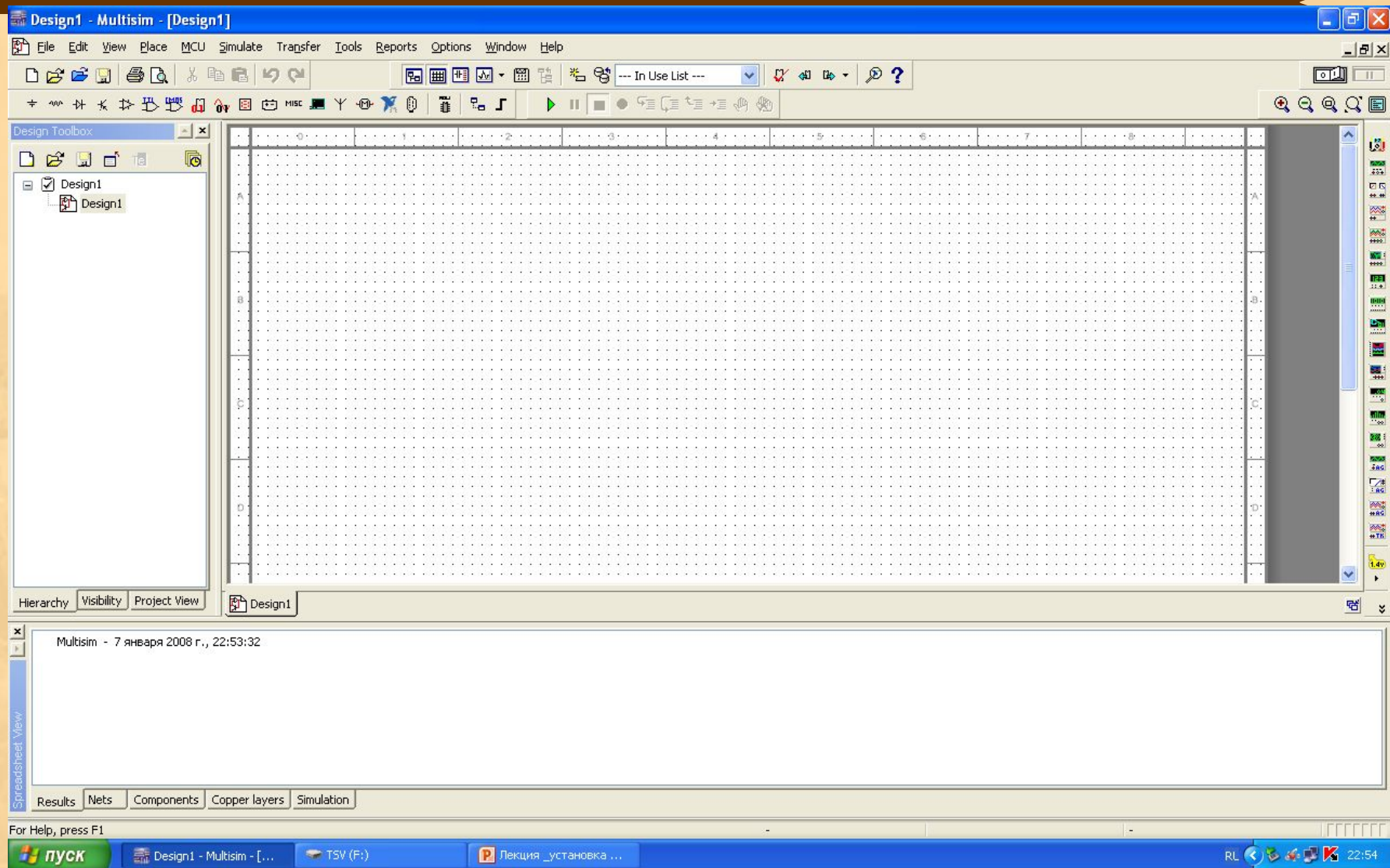


NI Multisim – National Instruments



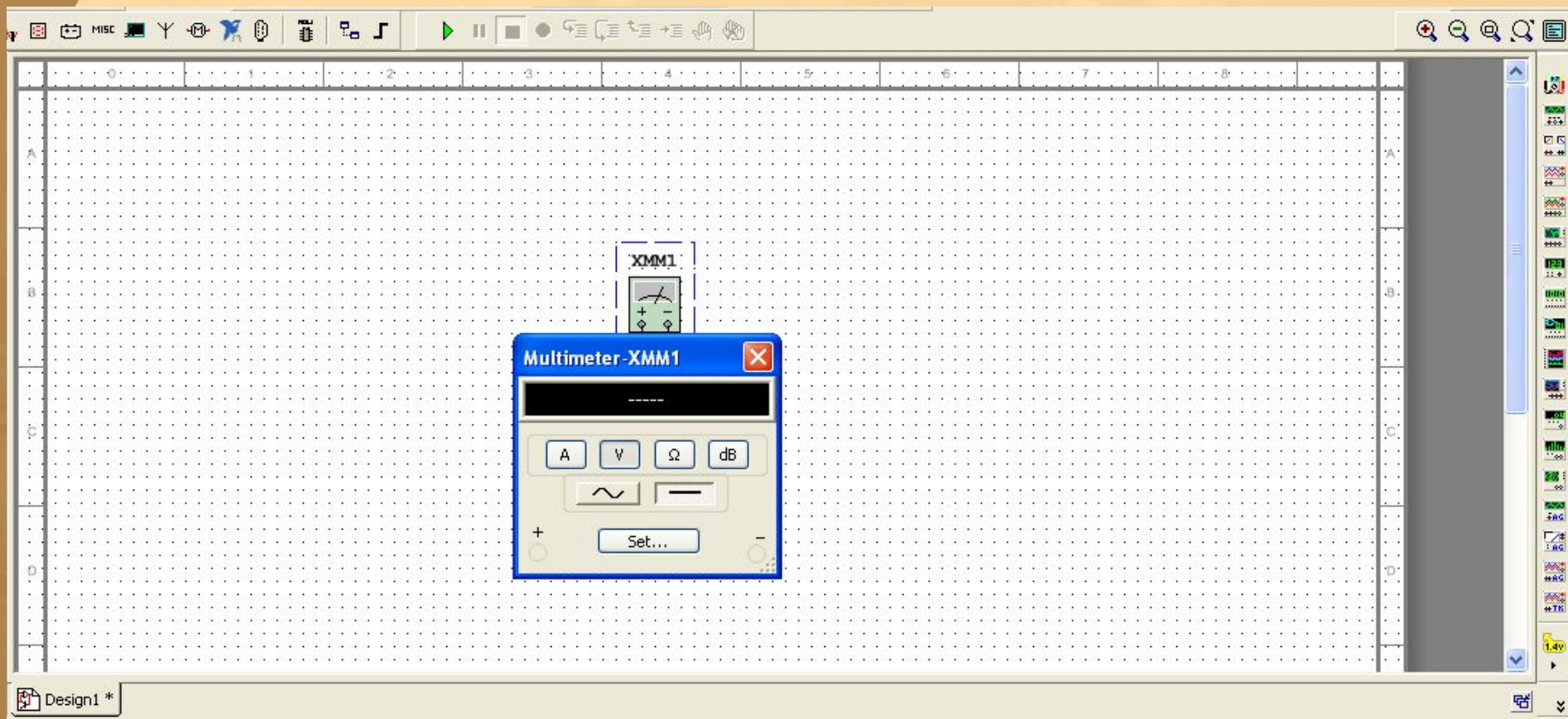


Интерфейс программы Multisim





Измерительные приборы Мультиметр





Генератор

The screenshot displays a circuit simulator workspace with a grid. A component labeled "XFG2" is placed on the grid. A configuration dialog box titled "Function generator-XFG2" is open, showing the following settings:

Waveforms: Three waveform icons are shown, with the square wave icon selected.

Signal options:

Frequency:	1	Hz
Duty cycle:	50	%
Amplitude:	10	Vp
Offset:	0	V

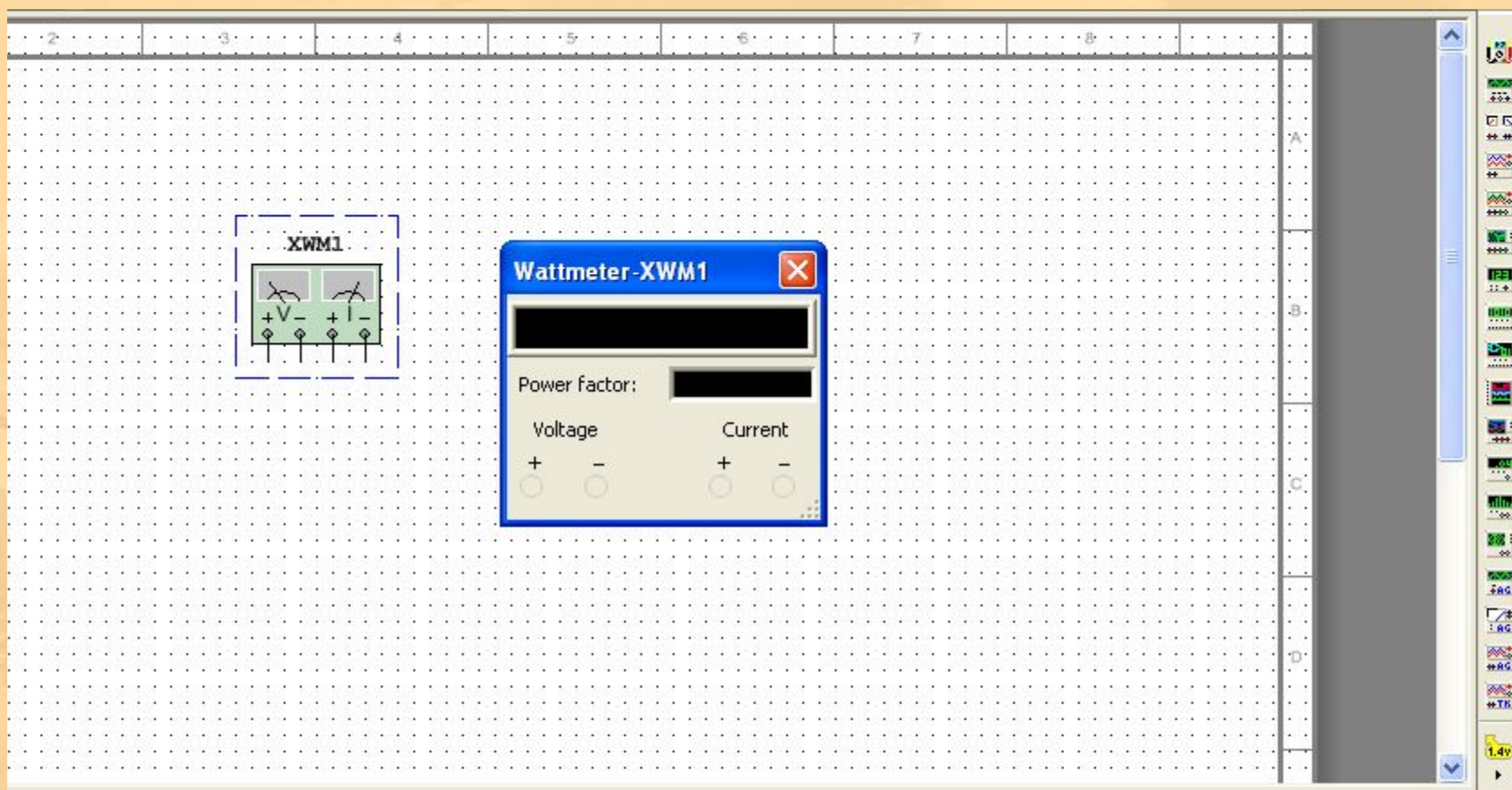
Below the table is a button labeled "Set rise/Fall time".

At the bottom of the dialog are three radio buttons: "+", "Common", and "-".

The simulator interface includes a top toolbar with various icons, a right-side toolbar with waveform and component icons, and a bottom status bar showing "Design1 *".

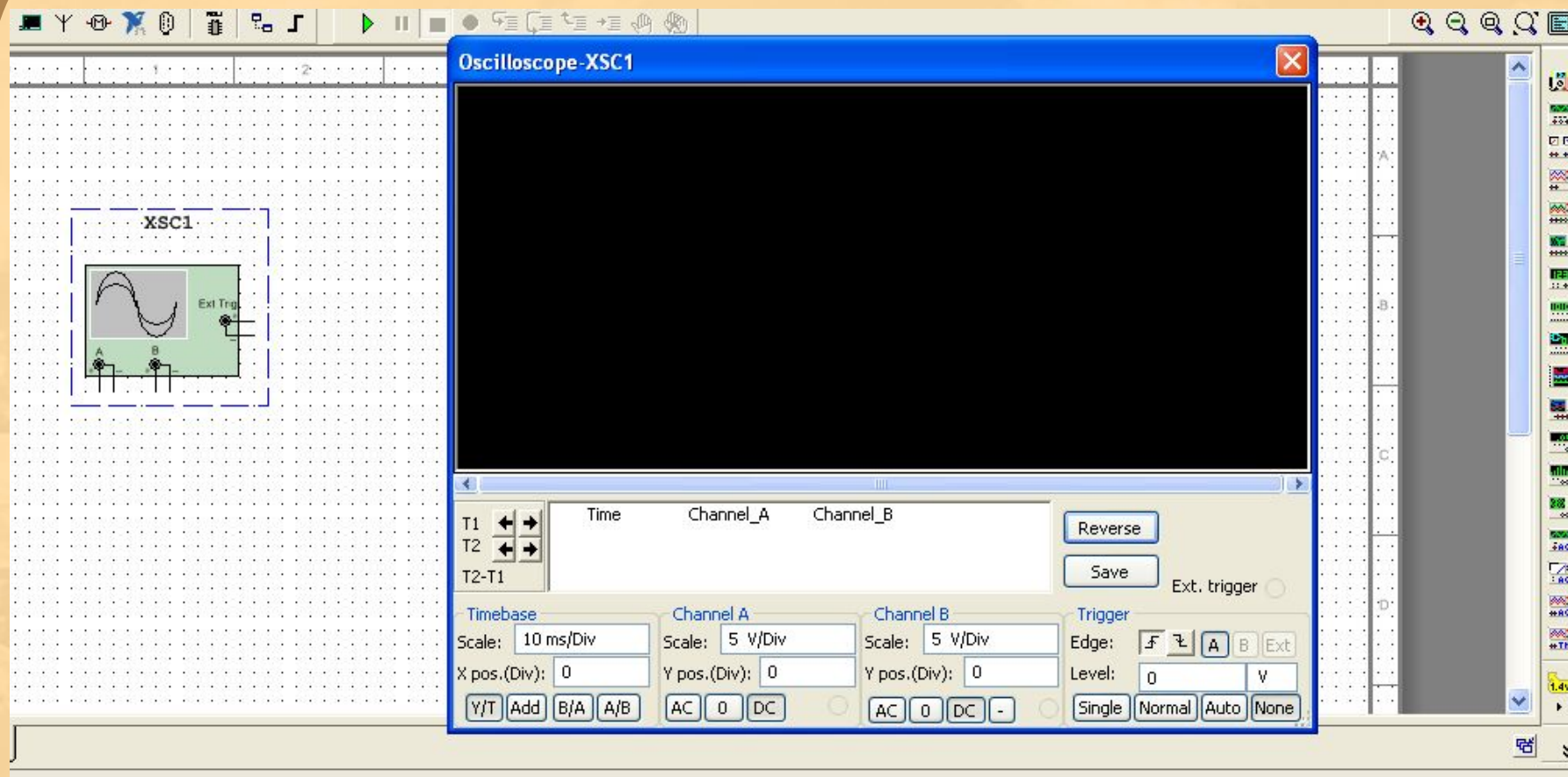


Ваттметр



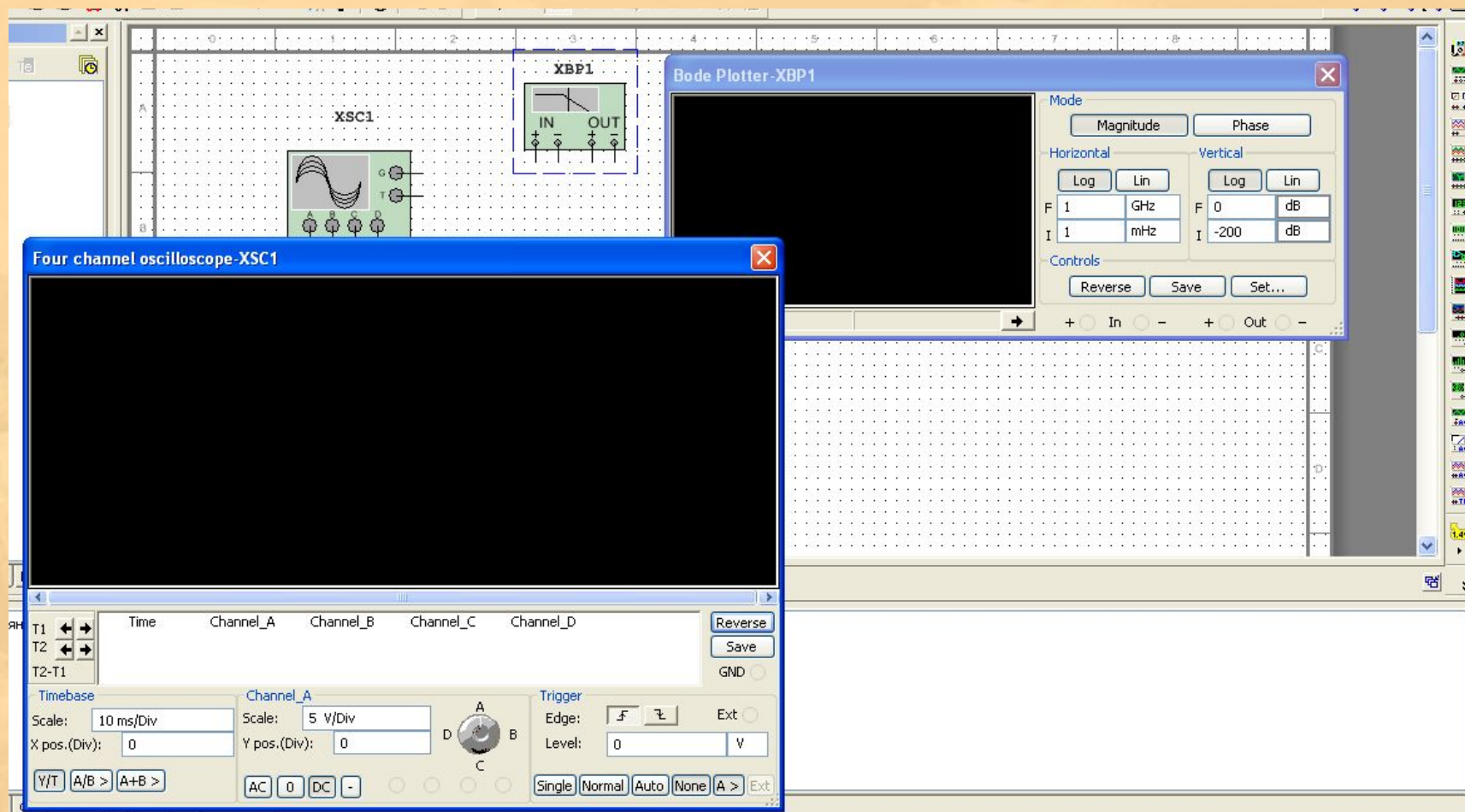


Оциллограф





Пишущий осциллограф Графопостроитель





Базовые элементы

Design Toolbox

Design1

Design1

Hierarchy Visibility Project View

Multisim - 7 января 2008 г., 22:53:32

Select a Component

Database: Master Database

Component: CURRENT_CONTROLLED_SPST

Group: Basic

Family: <All Families>

- BASIC_VIRTUAL
- RATED_VIRTUAL
- RPACK
- SWITCH
- TRANSFORMER
- NON_IDEAL_RLC
- RELAY
- SOCKETS
- SCHEMATIC_SYMBOLS
- RESISTOR
- CAPACITOR
- INDUCTOR
- CAP_ELECTROLIT
- VARIABLE_CAPACITOR
- VARIABLE_INDUCTOR
- POTENTIOMETER

Symbol (ANSI)

Function: Current controlled Single Pole Single Throw switch

Model manufacturer/ID: National Instruments / CC_SPDT

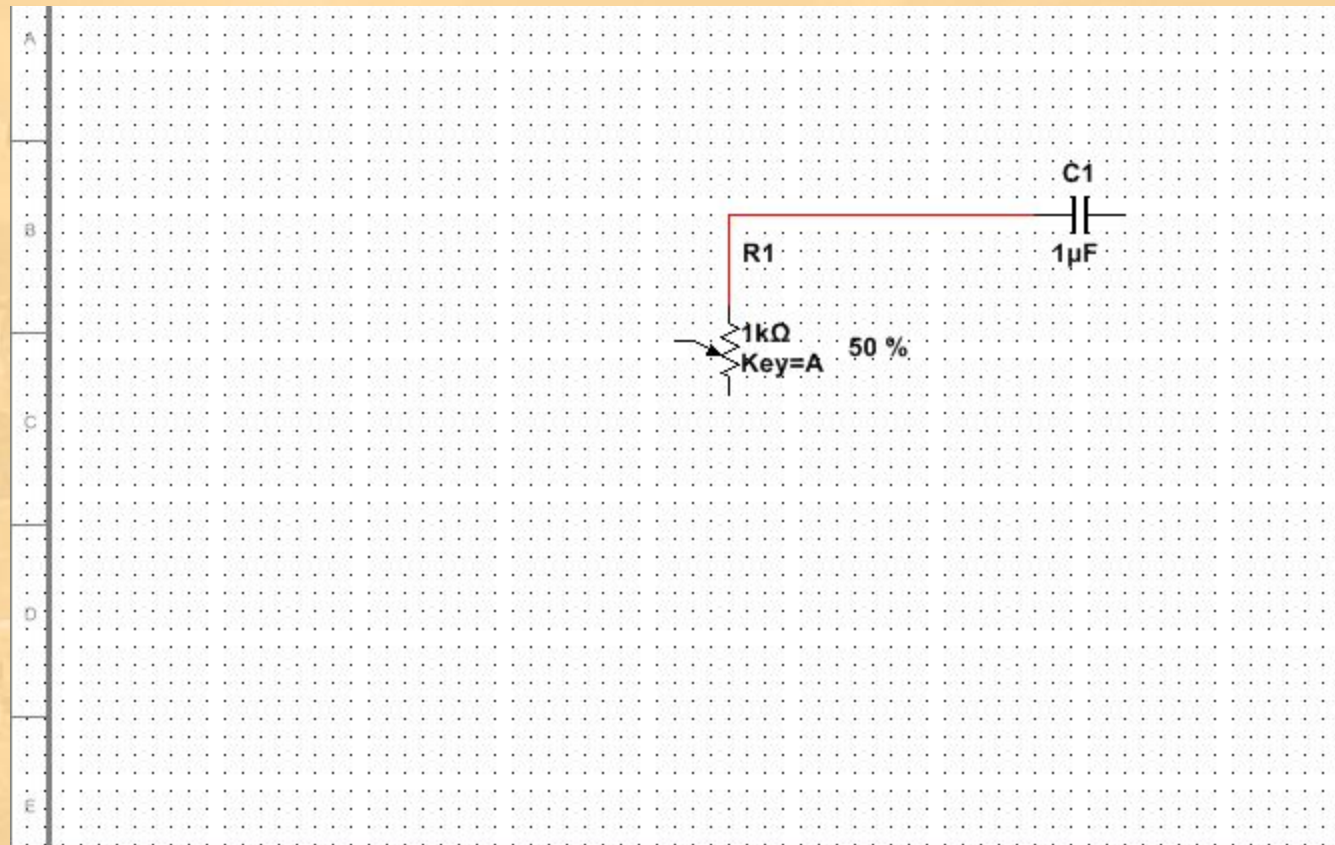
Footprint manufacturer/type:

Hyperlink:

Components: 30 Searching: Filter: off

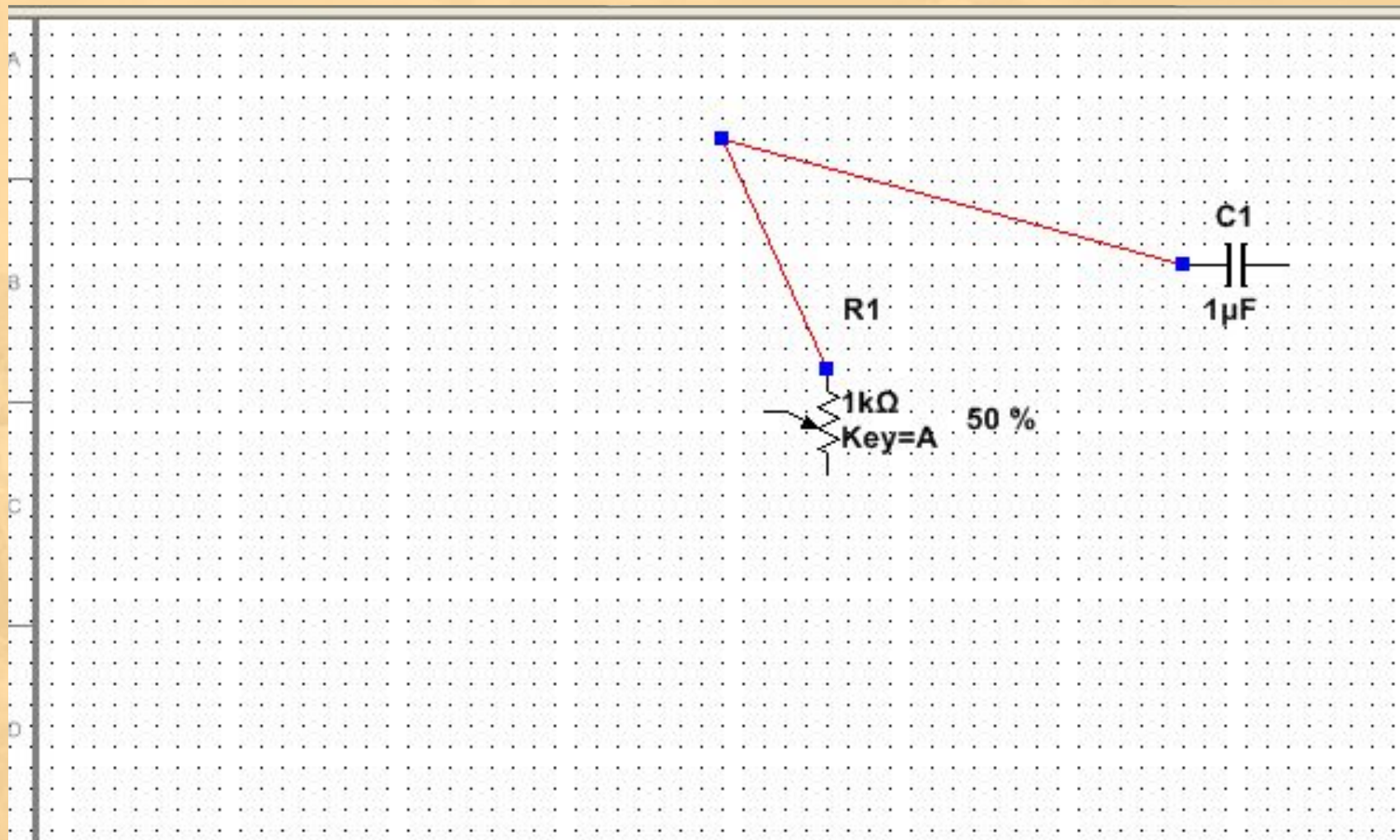


Сборка схем



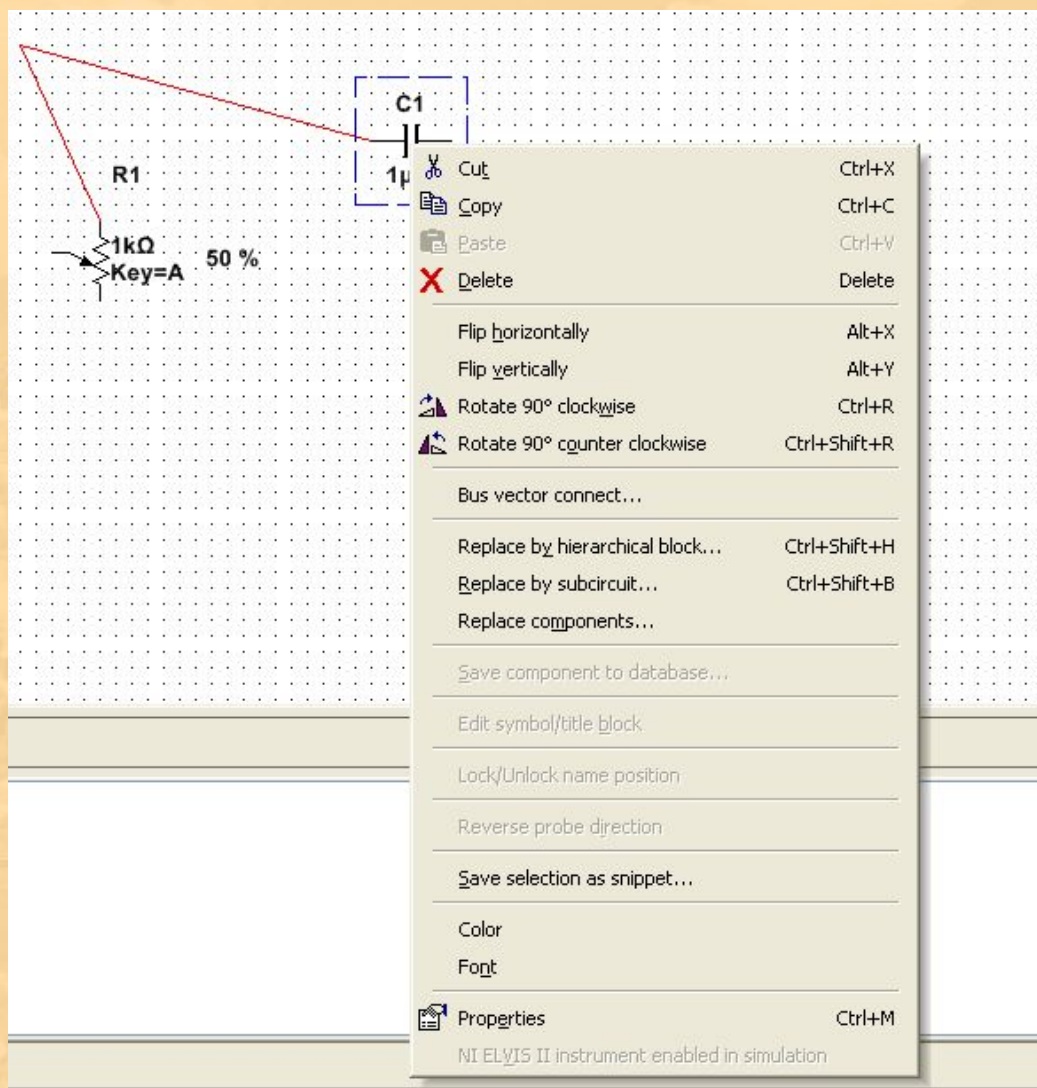


Редактирование схем и соединений





Редактирование элементов (расположение на принципиальной схеме).





Параметры элементов и их маркировка

The image shows a screenshot of a PCB design software interface. On the left, a circuit diagram is displayed on a grid. It features a resistor labeled 'R1' with a value of '1kΩ' and a tolerance of '50 %'. The resistor is marked with 'Key=A'. A red line points from the resistor to a capacitor symbol labeled 'C1' with a value of '1μF'. On the right, a 'Capacitor' dialog box is open, showing the following settings:

- Label: C1
- Display: 1μF
- Value: 1u F
- Tolerance: 0 %
- Component type: (empty field)
- Hyperlink: (empty field)
- Additional SPICE simulation parameters:
 - Initial conditions: 0 V
- Layout settings:
 - Footprint: (empty field) [Edit footprint...]
 - Manufacturer: (empty field)

At the bottom of the dialog box, there are buttons for 'Replace', 'OK', 'Cancel', and 'Help'.



. Схема замещения емкостного делителя напряжения





Схема замещения смешанного делителя напряжения

