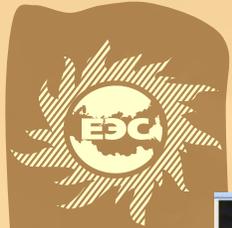


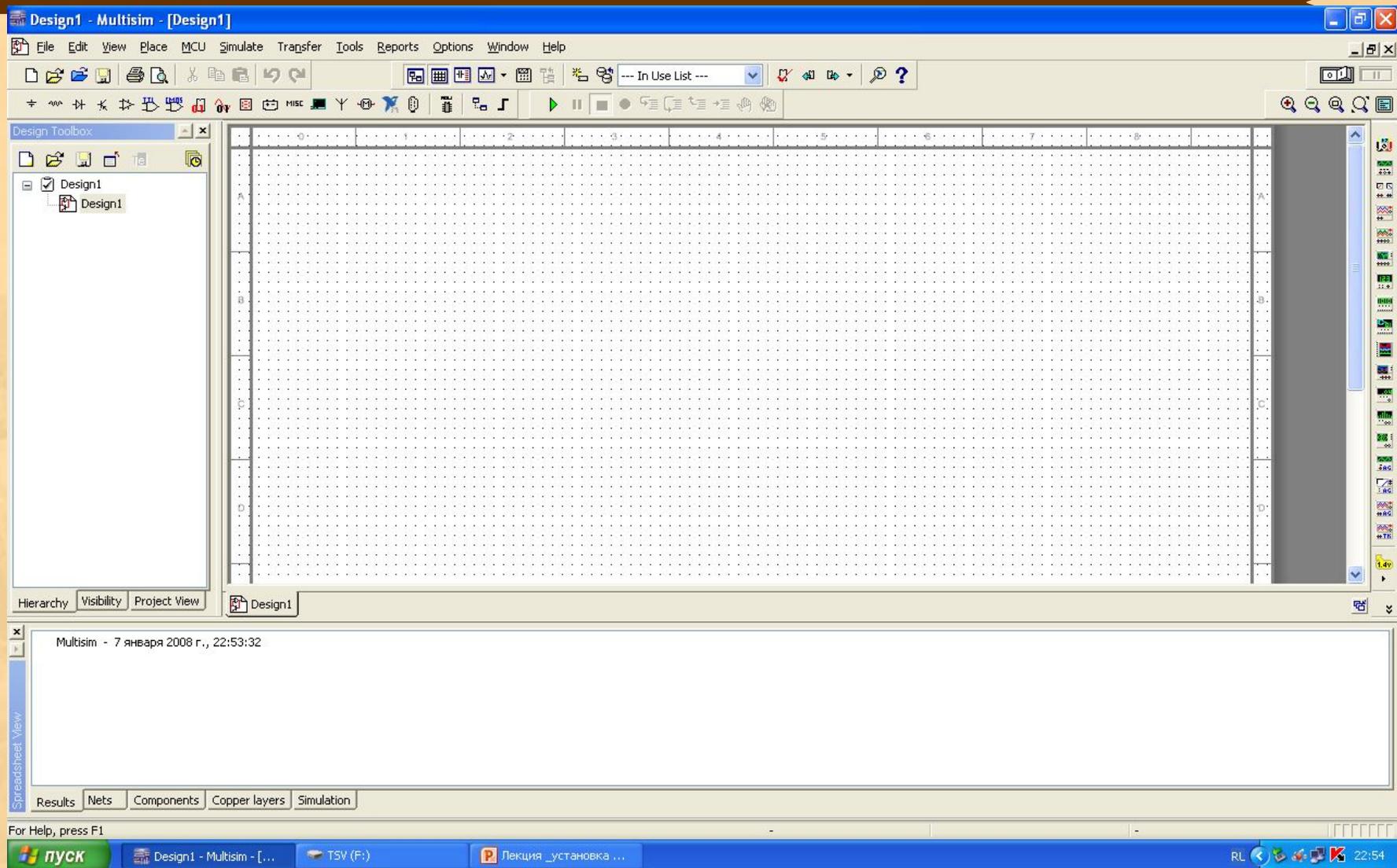


NI Multisim – National Instruments



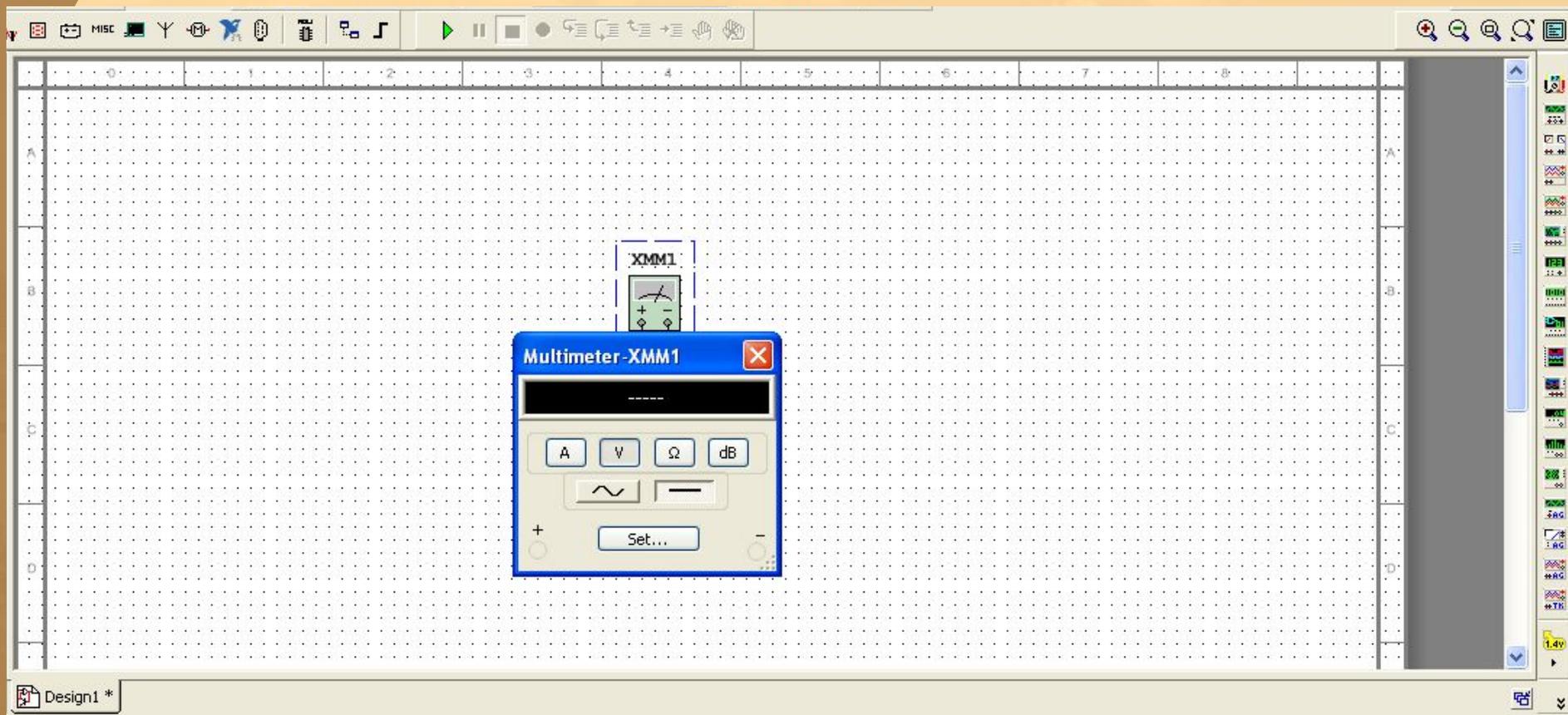


Интерфейс программы Multisim





Измерительные приборы Мультиметр





Генератор

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

Waveforms: Three waveform icons are shown: a sine wave (selected), a triangle wave, and a square wave.

Signal options:

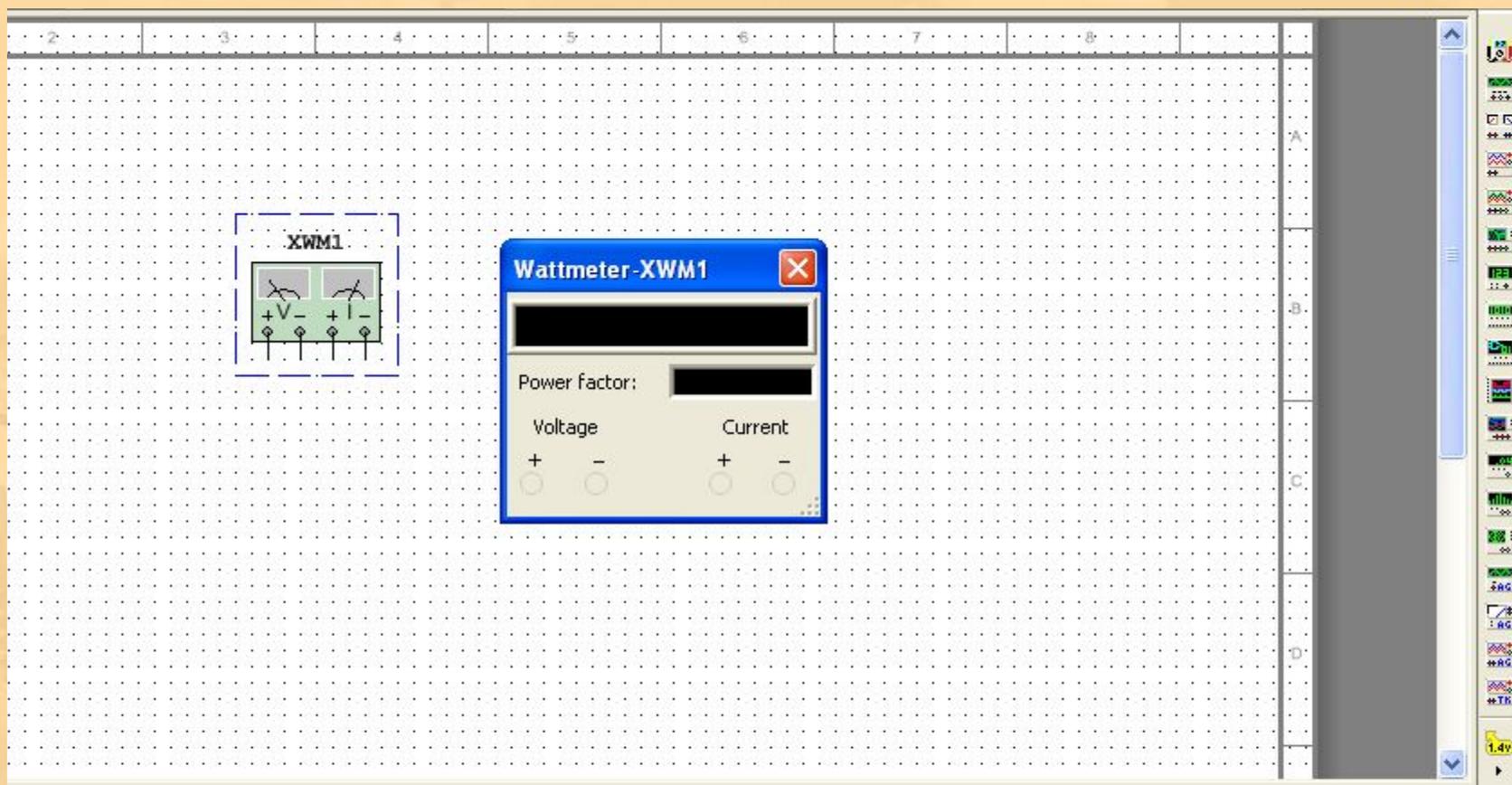
Frequency:	1	Hz
Duty cycle:	50	%
Amplitude:	10	Vp
Offset:	0	V

Below the table is a button labeled "Set rise/Fall time". At the bottom of the dialog, there are three radio buttons: "+", "Common" (selected), and "-".

The simulator window title bar shows "Design1 *". On the right side, there is a vertical toolbar with various icons for simulation and analysis. At the bottom right, a voltage scale of "1.4v" is visible.

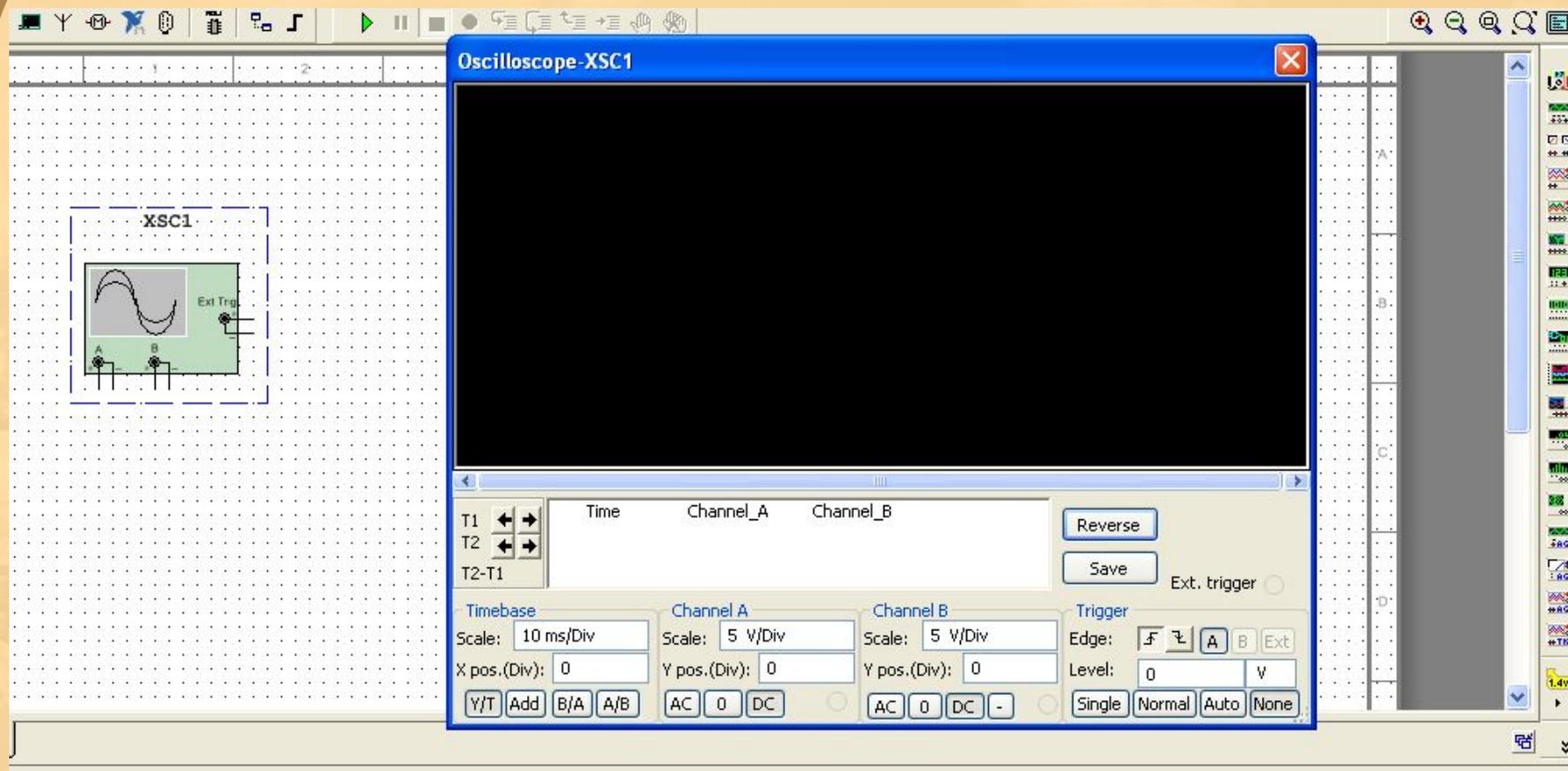


Ваттметр



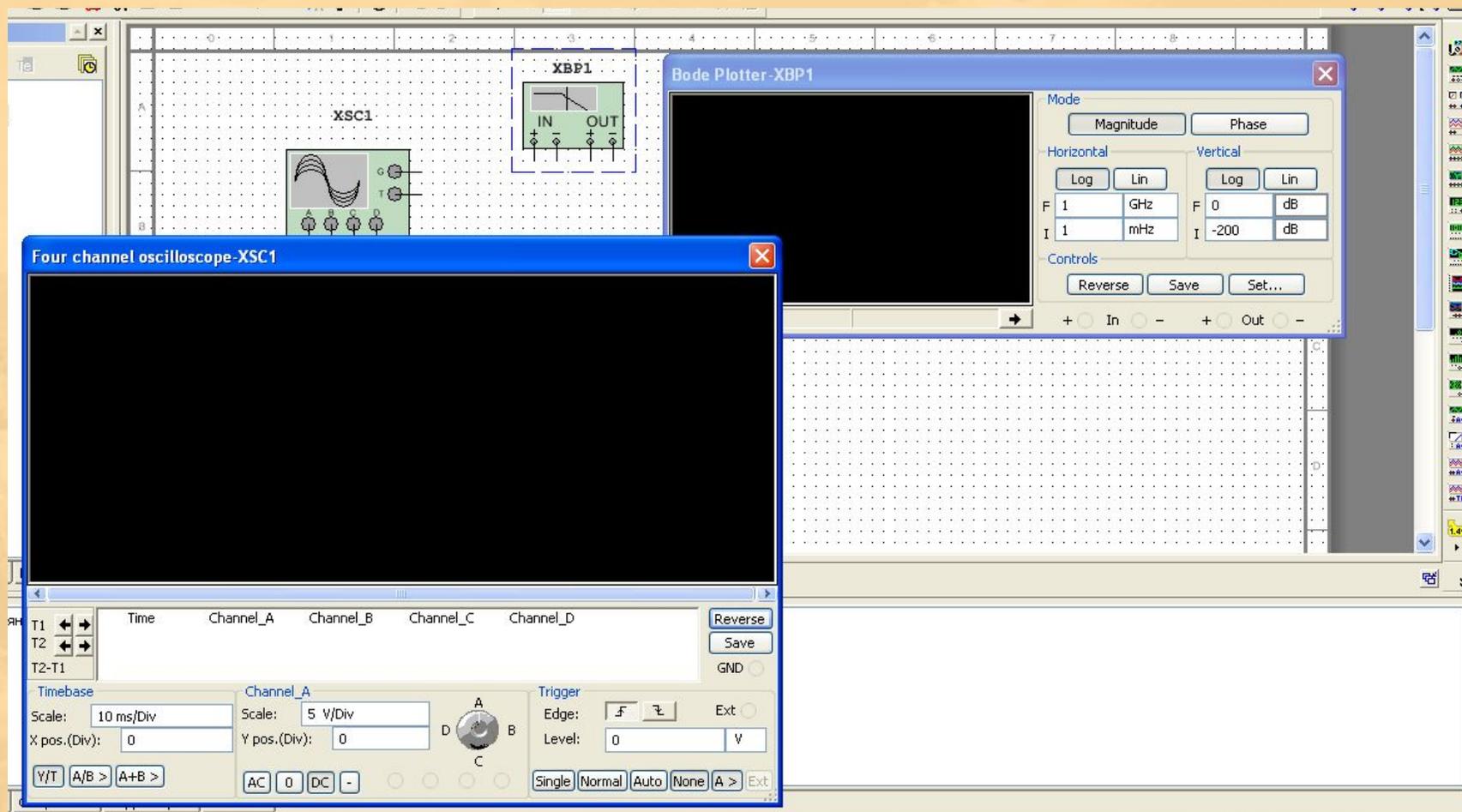


Оциллограф





Пишущий осциллограф Графопостроитель





Базовые элементы

Select a Component

Database: Master Database
Group: Basic
Family: SWITCH

Component: CURRENT_CONTROLLED_SPST

Symbol (ANSI)

Function: Current controlled Single Pole Single Throw switch

Model manufacturer/ID: National Instruments / CC_SPDT

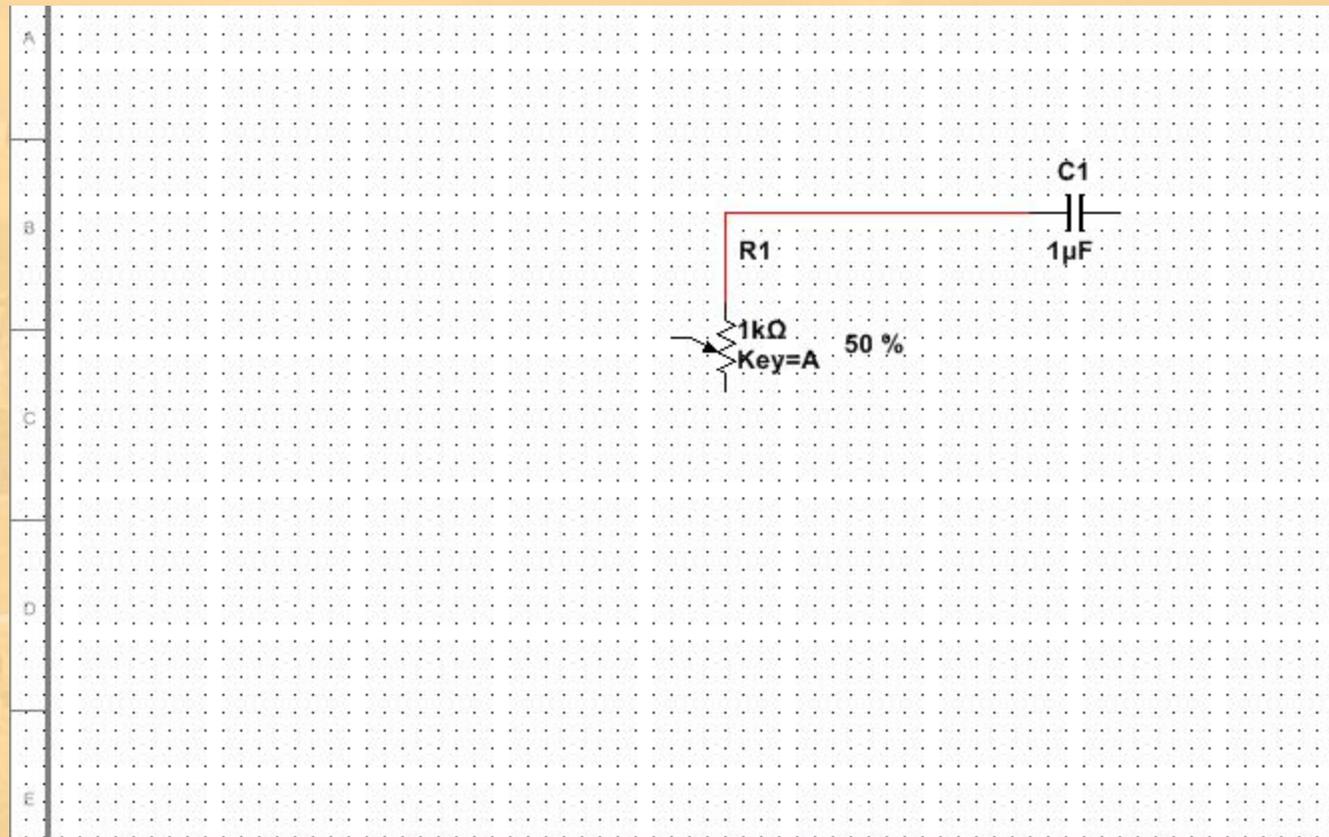
Footprint manufacturer/type:

Hyperlink:

Components: 30 Searching: Filter: off

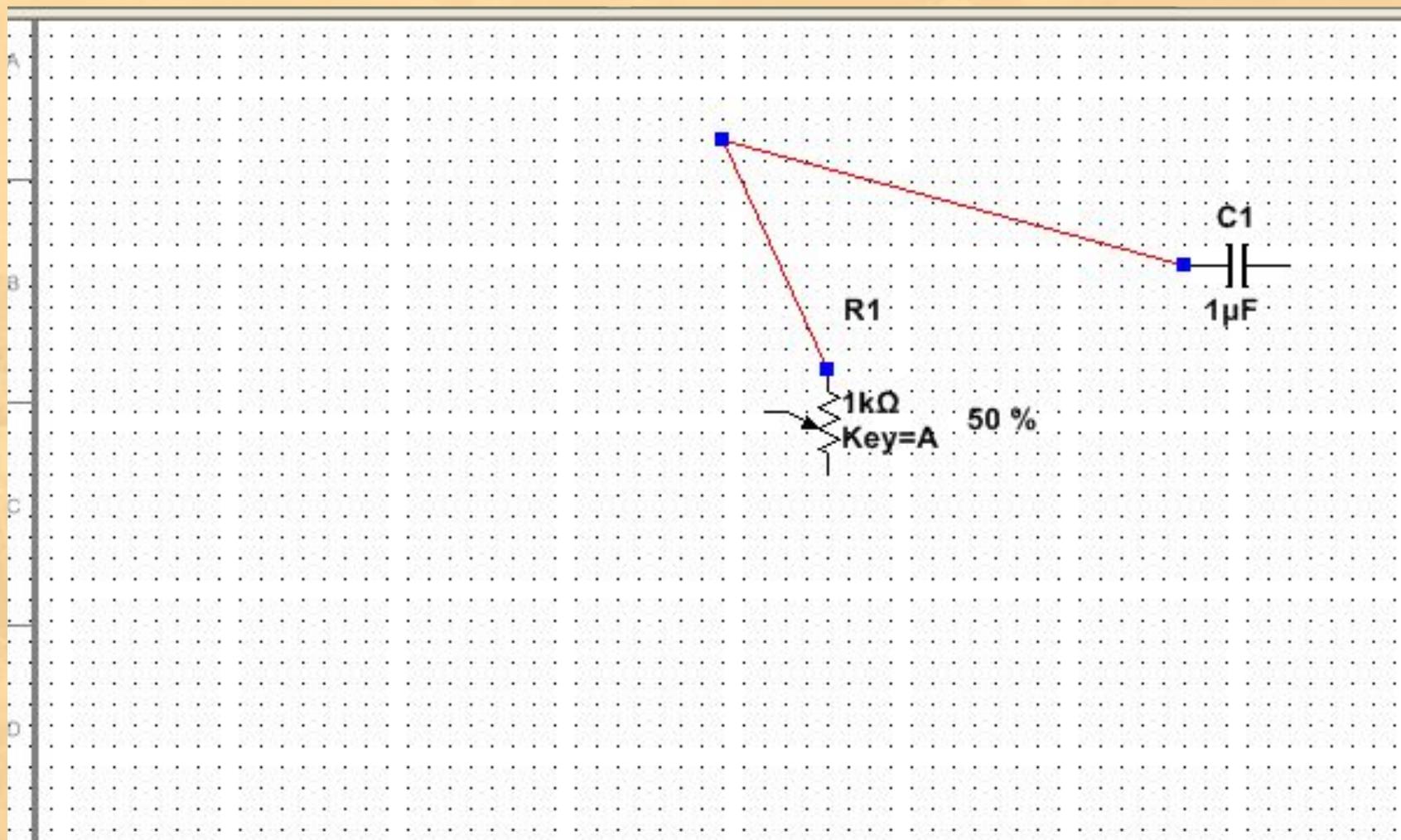


Сборка схем



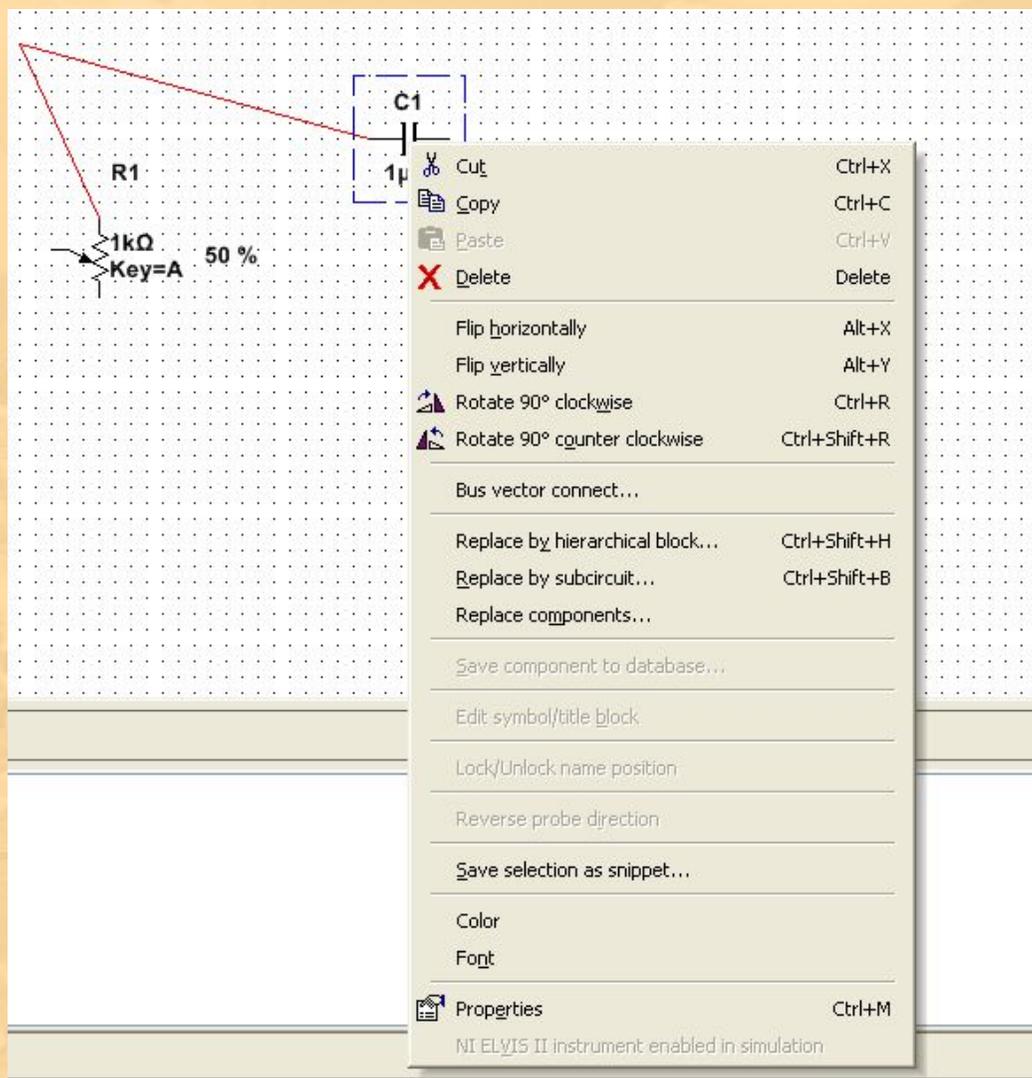


Редактирование схем и соединений





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 '1k Ω ' and a tolerance of '50 %'. A red line points from the resistor to a capacitor symbol labeled 'C1' with a value of '1 μ F'. The capacitor symbol is enclosed in a dashed blue box. On the right, a 'Capacitor' dialog box is open, showing the following settings:

- Label: C1
- Display: (empty)
- Value: 1u F
- Fault: (empty)
- Pins: (empty)
- Variants: (empty)
- User fields: (empty)
- Capacitance (C): 1u F
- Tolerance: 0 %
- Component type: (empty)
- Hyperlink: (empty)
- Additional SPICE simulation parameters:
 - Initial conditions: 0 V
- Layout settings:
 - Footprint: (empty) Edit footprint...
 - Manufacturer: (empty)

Buttons at the bottom of the dialog include 'Replace', 'OK', 'Cancel', and 'Help'.



. Схема замещения емкостного делителя напряжения





Схема замещения смешанного делителя напряжения

