National Instruments Multisim
Part I

Installation and first time use instructions
The disks in the package...

NI Circuit Design Suite 11
NI Multisim
NI Ultiboard
Academic Edition

NI Elvismx 4.2.3
Driver Software
DVD
Use the CD/DVD drive to install
Start process

• Auto run or go to My Computer and double click on the appropriate drive.
• The next screen will be the first you see.
NI Circuit Design Suite™ 11.0
Education Edition

- Install NI Circuit Design Suite 11.0.1
  View Readme
  Explore the Media
  Exit

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Which option to choose?

• Since we want to install Multisim (and Ultiboard by default), the first item on the menu screen would be the best.

• This brings us to the install screen seen next:
NI Circuit Design Suite™ 11.0
Education Edition

Exit all programs before running this Setup. Disabling virus scanning utilities may improve installation speed. This program is subject to the accompanying License Agreement(s).

Please wait while the installer initializes.

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User Information
Enter the following information.

Full Name: Bruce Coscia

Organization: Coscia Enterprises

Install this product using the following serial number

Serial Number:

Install this product for evaluation
Enter the requested information

- This is where you will need to use the Certificate of Ownership (shown next slide).
Certificate of Ownership

Save This Document
You need this serial number to license your software and receive upgrades and technical support. You will continue to use this serial number with future versions of this National Instruments software, so please save this document. Reproduction of this certificate is illegal and strictly prohibited.

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NI CIRCUIT DESIGN SUITE - STUDENT EDITION

Part Number: 779897-03

Serial Number: Xxxxxxxxxx
Choose the directory

• By default the directory is C, but you could change the only drive letter to put it on another partition if you prefer.
National Instruments common files will be installed on the path below. By default, NI Circuit Design Suite 11.0.1 will be installed in the Circuit Design Suite folder in this directory. To accept this, click Next. Otherwise, click Browse to specify a different folder.
Components to install

• We do not need to install Elvis
• We also want to make sure all components of Multisim are installed
• Click on the downward pointing arrow at the end of the NI Circuit Design Suite box.
  – Choose the option that will allow you to install the feature to your directory that you chose earlier.
Features
Select the features to install.

Contents all associated files to install the Circuit Design Suite 11.0.

This feature will be installed on the local hard drive.

This feature and its selected subcomponents may require up to 68.4 MB of disk space.

Directory for NI Circuit Design Suite 11.0.1 Education
H:\Program Files\National Instruments\Circuit Design Suite 11.0\

Browse...
• Press Next
• Do not uncheck the box as this will make sure that the latest information on the package is installed to your computer.
Product Notifications
Please read the following information about the configuration you have selected.

Request the installer to contact National Instruments to search for new notifications on the products you are installing. By checking this box, you acknowledge that your IP address will be sent and collected in accordance with the National Instruments Privacy Policy.

Privacy Policy
• Press Next again (this might be a good time for coffee as it does depend on your connection speed...)
Product Notifications

The installer will now check for new notifications for the products you are installing.

Contacting notification server
• If everything is up to date, the next screen is what you will see.
Product Notifications
The installer will now check for new notifications for the products you are installing.

There are no notifications for your products.
• At this point, the EULA (End User License Agreement) for National Instruments comes into play
  – The screen shows the default position for the radio button (In essence, answering “No”)

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☐ I accept the License Agreement.
☐ I do not accept the License Agreement.

<< Back Next >> Cancel
• Choose the answer “Yes” to proceed
  – Remember to use the Next button to advance the process to the next screen.
License Agreement
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SHALL BE SUBJECT TO NI’S THEN CURRENT RETURN POLICY.

I accept the License Agreement.
I do not accept the License Agreement.

<< Back Next >> Cancel
• At this point, the EULA (End User License Agreement) for some of the additional companies (HI-TECH and Microchip) comes into play
  – The next two screens shows the default position for the radio button (In essence answering “No” to both at the same time)
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<< Back  Next >>  Cancel
• Just go with the defaults and press Next to move forward
Start Installation
Review the following summary before continuing.

**Applying Updates**
The following updates will be applied to products on your system:
- NI Circuit Design Suite 11.0 Education Update

**Adding or Changing**
- NI Circuit Design Suite 11.0.1 Education

**Installer Prompts**
You will be prompted to provide the source for the following installers:
- NI ELVISmx 4.2.x

Click the Next button to begin installation. Click the Back button to change the installation settings.
• The next two screens show the beginning and in process dialog of the install process
  – Again, press Next when this portion allows (it will remain grayed out until complete).
Overall Progress

Currently installing NI Uninstaller. Part 1 of 36.
Overall Progress

• The next screen is where you would insert the second disk (the one we started off with that had the exclamation point on it). Since we are not going to use Elvis, this step is entirely optional. If you wish to proceed without Elvis, press the Cancel button.
Install National Instruments ELVISmx software now?

Insert the National Instruments ELVISmx 4.2.x CD to install now. If you do not wish to install the software now, you can install National Instruments ELVISmx later.

If the required files may be found elsewhere, please enter that location below.

D:\

The specified folder does not contain the correct volume.

Install Now  Cancel
• Again, the next two slides show the continuing installation process
Currently executing the HI-TECH C51-lite installer.
Currently executing License Manager.
• If everything went as planned, the next screen would tell you if it worked alright or not.
NI Circuit Design Suite 11.0.1 has been installed.
• To use the software, you will have to restart your computer.
  – This screen comes from an XP installation, so the actual need to do so for Vista or Windows 7 is unknown. Just follow the prompts if they come and you will be fine.
You must restart your computer to complete this operation.

If you need to install hardware now, shut down the computer. If you choose to restart later, restart your computer before running any of this software.
Once the machine is back up and Windows is fully operational, press the Start button

- From there, go to All Programs
- Now, find the National Instruments menu item
- Once that is found, choose Circuit Design Suite 11
- Inside the Suite, choose Multisim
• Your first use will require activation. If you do not activate the package, there will be a 30 day time limit to use Multisim.
• Choose the Activate option on this one.
• Activation gives you lifetime use of this software (current version only of course).
  – Use the Next button to continue each time!
Evaluation License
30 Days Remaining

Begin Evaluation
Begin the evaluation period of this product.

Activate
Activate this product with the NI Activation Wizard.

Purchase
Purchase this product from ni.com.

Exit
Exit this product.
• The next several slides show you the areas of method of activation, the need to have your Certificate of Ownership handy, as well as knowing who you are and where you live.
Welcome to the National Instruments Activation Wizard

Complete the Activation Wizard to activate your product. Activation is the process of acquiring and applying an activation code.

- **Automatically activate through a secure Internet connection**
- Use a Web browser, email client, telephone, or fax machine to acquire an activation code
- Apply one or more 20-character activation codes previously acquired for this computer

Understanding the National Instruments Software License Agreement

How can I move an activated product to a different computer?
Enter serial numbers for the products you want to activate. You can find serial numbers on your product's Certificate of Ownership or packaging.
The following information is required to activate your products.

First Name: Bruce
Last Name: Coscia
Organization: Coscia Enterprises

Register my product to ensure access to my service benefits from National Instruments, including technical support, software upgrades and updates.

Country:
Address:
Address (cont.):
City
State
Postal Code
Email
Phone
Fax

National Instruments Product Activation Privacy Statement

Help << Back Next >> Cancel
• This step is a good idea simply for verification that all went well and the software is yours to use longer than the 30 day evaluation period.
Send me an email confirmation of this activation.

Email: [ ]
• This is what you would see during the activation process
• Again, remember the Next button...
Please wait while the Activation Wizard contacts National Instruments.

Note: This process may take a few minutes. If the Activation Wizard cannot connect to ni.com, you will be able to select an alternate activation method.
• This time you need to hit the Finish button as there should not be anything to next.
• After this it will take you into the Multisim environment
Products Successfully Activated!

The following products have been successfully activated. You may need to restart the associated products to use any new features.

Multisim 11.0.1 Education Edition

If you experience any problems, have any questions, or have feedback regarding product activation, visit the following Web site:

ni.com/activate
• If this next window is what is on your computer, Multisim is operational and ready for your first circuit to test or design
  – Our next step will be to discuss the environment in detail. This will be done in Part II.