



ELECTRONICS

## TECHNICAL BULLETIN

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**TITLE: Cadence Alternative Backup/Restore**

The purpose of this bulletin is to offer an alternative method for downloading and uploading Cadence databases (Backup and Restore). Samsung has explored a variety of methods to back up cadence databases and has found one software application that functions efficiently. The name of the program is Fastlynx and can be ordered via [www.seweld.com/fastlynx201.asp](http://www.seweld.com/fastlynx201.asp) or by telephone at (801) 226-3794.

### Installing and using Fastlynx with Cadence

1. After you have obtained and installed Fastlynx3.1 on your computer. Bring up the terminal emulation program that you use to communicate with Cadence. (Hyperterminal, Procomm, etc.) If using Hyperterminal press and hold Ctrl and then press Q. (other terminal emulation programs) Press whatever key combination is necessary to send "Ctrl Q". Cadence will prompt you to enter Y or N for DOS mode. Enter Y.
2. Type "CD\" and press enter. You should now be looking at the root directory of Cadence. Next, type "rfile" and press enter. Cadence will respond with "begin your Y modem transfer now".
3. Open the transfer protocol window on your terminal program. In Hyperterm., this is done through the transfer option on the menu bar at the top of the window.
4. Click on the "Browse" button. Then enter the path to where Fastlynx is installed on your computer. If you chose the default location when you installed Fastlynx, then it will be here: "C:\program files\Fastlynx\" Select the file named "sl.exe".
5. Once this file has been selected, set the protocol to "Y modem".
6. Begin the transfer. Cadence will prompt you when the transfer has been successfully completed. It should only take a few seconds.

### Transferring files to and from Cadence

(This section assumes that you have already installed the fastlynx application "sl.exe" onto Cadence.)

1. Bring up the terminal emulation program that you use to communicate with Cadence. (Hyperterminal, Procomm, etc.) If using Hyperterminal press and hold Ctrl and then press Q. (other terminal emulation programs) Press whatever key combination is necessary to send "Ctrl Q". Cadence will prompt you to enter Y or N for DOS mode. Enter Y.
2. Cadence will be in DOS mode. You will see a prompt indicating the current directory as "C:\TM\Prod>". Type "CD\" and hit enter to get to the root directory. (I.E. C:>).
3. At the root directory, type "sl" and hit enter. This will force cadence into the fastlynx slave mode.
4. Shut down hyperterminal (or other terminal program).

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5. Verify that the parallel data transfer cable is connected. Start the fastlynx program on your computer. You will see your computer's files on the left side of the screen and the Cadence files on the right side of the screen. If you do not have the Cadence screen, click the "connect as client" bullet option on the upper right side of the screen. The cadence files will now list on the right side of the screen.
6. Choose a location where you want the download to be sent to on the left side of the screen. You may create a new directory by clicking on the MKDIR icon. Enter this location.
7. Highlight the "TM" folder on the right screen. Then, click on "copy". You will see the files being transferred.
8. After the files are transferred, you must individually download two files. On the right side of the screen, enter "TM" followed by "Prod". Highlight the file named "switch.dat". Also, on the left side of the screen, enter the same directory in your download. Click on copy.
9. After this file is transferred, highlight the file named "telemail.cfg". Click on copy.
10. Press the reset button on cadence to complete the download.

## Uploading to Cadence

-This section assumes that you have already installed fastlynx into Cadence.

1. At the main screen of Cadence, press ctrl and q at the same time. Cadence will ask you if you are sure that you wish to quit. Press Y.
2. Cadence will go into DOS mode. You will see a directory of "C:\TM\Prod>". Type "CD\" to get to the root directory. (I.E. C:>).
3. At the root directory, type "sl". This will force cadence into slave mode for fastlynx. Shut down hyperterminal.
4. Make sure the parallel cable is installed. Start the fastlynx program on your computer. You will see the computer's files on the left side of the screen. Locate the folder that contains the Cadence database. Highlight the TM folder.
5. If the Cadence files do not show on the right side of the screen, bullet the "connect as client" option. The cadence files will now show on the right screen. Make sure that Cadence is at the root directory. You may verify this by seeing a folder that is also named TM. Click on the "copy" icon.
6. After the files are transferred, you must upload two files individually. On both sides of the screen, enter the TM folder followed by the Prod folder. On the left side of the screen, highlight the file named "switch.dat". Click on copy.
7. When this file has uploaded successfully, highlight the file named "telemail.cfg". Click on the copy icon.
8. Press the reset button on cadence to complete the upload.

***If you have any questions about this or any other Technical bulletins please contact Technical support by phone 1(800) 737- 7008 or by email techsupportmiami@sta.samsung.com.***