EZ-KIT Lite™ Quick Start Guide

Thank you for purchasing this EZ-KIT Lite™ evaluation system. Before you begin to use your EZ-KIT Lite, you must first perform the following procedure, which leads you through the software installation and hardware setup.

For further information, please refer to the EZ-KIT Lite Evaluation System Manual on the CD-ROM.

Software Installation

1) Check the contents of your package and identify the following items:
   - Installation Quick Reference Card for VisualDSP++ Development Environment
   - VisualDSP++™ development environment CD-ROM (CD includes the EZ-KIT Lite evaluation system software)
   - EZ-KIT Lite board
   - Power supply (universal 7.5V DC)
   - USB cable (5-meter, type A to type B)
   - CD-ROM sleeve, containing DSP Solutions Desktop Reference
   - Registration form (to be filled out and returned to Analog Devices)

2) Ensure that your PC meets the following minimal requirements:

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<th>Requirement</th>
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<tr>
<td>Windows® 98 or Windows® 2000</td>
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<tr>
<td>Intel (or comparable) 166 MHz processor</td>
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<tr>
<td>VGA monitor and color video card</td>
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<tr>
<td>2-button mouse</td>
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<tr>
<td>50 MB of free disk space on hard drive</td>
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<tr>
<td>32 MB of RAM</td>
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<tr>
<td>Full speed USB Port</td>
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<td>CD-ROM Drive</td>
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   Note: This EZ-KIT Lite does not run under Windows 95 or Windows NT.

3) Ensure that the VisualDSP++ Development Environment is installed.
   a. If the latest version of VisualDSP++ is installed, insert the VisualDSP++ CD into CD-ROM drive. Click on Install VisualDSP++. Click on Install Tools. On this prompt screen, select Modify to add the EZ-KIT Lite software. On the next Component prompt screen make your EZ-KIT Lite selection and begin install.
   b. If VisualDSP++ is not installed please refer to the Installation Quick Reference Card for VisualDSP++ Development Environment for further instructions. Perform only tasks 1 and 2. After you have completed the VisualDSP++ install.

Important: Please note that installing the latest version of VisualDSP++ will completely replace the older VisualDSP++™ versions on your computer, making them inoperable. If for some reason, you need to use the older version you will need to uninstall this version and re-install the older version.

Note: The VisualDSP++ serial number shipped with this EZ-KIT Lite evaluation system creates a permanent license, but limits the software’s capability. For detailed information on these limitations refer to the EZ-KIT Lite Restrictions section in the EZ-KIT Lite Evaluation System Manual.
Hardware Installation

4) Plug the power supply into a wall outlet and plug its connector into the power receptacle on the EZ-KIT Lite board. Verify that the green LED (power) is lit.

5) Connect the USB cable to your PC and to the EZ-KIT Lite board. The windows environment will recognize the new hardware and launch the Add New Hardware Wizard.

6) Follow the instructions in the Add New Hardware Wizard. The necessary install files are located in the root directory of the EZ-KIT Lite CD-ROM. When the USB driver is finished loading, the yellow LED (USB Monitor) will remain lit.

7) Run VisualDSP++ by holding down the keyboard’s Ctrl key while choosing Start -> Programs -> VisualDSP -> VisualDSP++ for xxxx. The New Session dialog box appears.

8) In Debug target, select EZ-KIT Lite and click OK.

Now You’re Ready to use your EZ-KIT Lite.

Run the example programs to become familiar with the:

- EZ-KIT Lite evaluation system
- VisualDSP++ development environment
- DSP

These examples are located on your hard drive in the subdirectory: …VisualDSP\processor_family\EZ-KITs\processor\Examples

You can also write, execute, and debug your own software. Refer to VisualDSP++ online Help, which provides access to the Tools documentation (e.g., compiler, assembler). Read the VisualDSP++ User’s Guide and the VisualDSP++ Getting Started Guide to learn about VisualDSP++.

For a detailed description of the EZ-KIT Lite board, refer to the EZ-KIT Lite Evaluation System Manual, which is located in the …VisualDSP\Docs\ADSP-processor EZ-KIT subdirectory on your hard drive.

Limited Warranty
The EZ-KIT Lite evaluation board is warranted against defects in materials and workmanship for a period of one year from the date of purchase from Analog Devices or from an authorized dealer.