



WebLINX (www.xilinx.com) has become a popular stopping place on the information superhighway. Based on recent traffic reports, more than 5,000 people visit the Xilinx World Wide Web site each week. Some of the most popular areas of our web include *SmartSearch*, Product Information pages, Application Notes and the Data Book page.

We're constantly adding new information to WebLINX. In fact, over the last few months we have added many new application notes and application briefs to the site, as listed here.

If you are interested in keeping up-to-date with new technical information being posted to WebLINX, then *SmartSearch Agents* are for you. A *SmartSearch Agent* will automatically notify you via e-mail when a document of interest to you is posted to any of the 50 or so sites that we index. For example, you can create a *SmartSearch Agent* that will alert you regarding any new application notes posted to the Xilinx site by following these steps:

1. Using your browser, go to www.xilinx.com
2. Click on the "Register Now for Agents!" hyperlink near the bottom of the page.
3. Click on the "register" hyperlink
4. Fill out the registration questionnaire.
5. After you have successfully registered for Agents, go to *SmartSearch* by clicking on the *SmartSearch* logo or text at the bottom of the page.
6. Click on the "Xilinx Only" link.
7. Leave the text box blank but select the "application notes" check box.
8. Click on the Start Search button. On the results page, in the upper right corner is a text box with the label "Agent Name:"
9. Type "Xilinx Application Notes" into the agent name box and click on the Create Agent button.

WebLINX and *SmartSearch* Agents Keep You Up-to-Date

That's it! This will create an agent that will notify you whenever Xilinx posts a new application note to the site. Remember that you can create an agent for anything you can search for, and they are not limited to the Xilinx site. ♦

The following XAPP application notes and XBRF application briefs have recently been added to WebLINX. You can find these by first going to the application notes page and selecting XAPP application notes or application briefs.

- XAPP051 Synchronous/Asynchronous FIFOs
- XAPP052 Efficient Shift Registers, LFSR Counters, etc.
- XAPP053 Implementing FIFOs in XC4000 Series RAM
- XAPP054 Constant Coefficient Multipliers for the XC4000E
- XAPP055 Block Adaptive Filter
- XAPP056 System Design with New XC4000EX I/O Features
- XAPP057 Using Select-RAM Memory in XC4000 Series FPGAs
- XAPP058 XC9500 In-System Programming Using an 8051 Microcontroller
- XAPP059 Gate Count Capacity Metrics for FPGAs
- XAPP060 Design Migration from XC4000 to XC5200
- XAPP062 Design Migration from XC4000 to XC4000E
- XAPP063 Interfacing XC6200 to Microprocessors (MC68020 Example)
- XAPP064 Interfacing XC6200 to Microprocessors (TMS320C50 Example)
- XAPP065 XC4000 Series Edge-Triggered and Dual-Port RAM Capability

In addition, the following application notes have been updated:

- XAPP013 Using the Dedicated Carry Logic in XC4000E
- XAPP018 Estimating the Performance of XC4000E Adders and Counters

Xilinx Application Briefs are technical papers describing the advantages of Xilinx products, especially versus alternative solutions:

- XBRF001 XC4000E Select-RAM: Flexibility with Speed
- XBRF002 XC4000E Low Power Consumption: At High Speed
- XBRF003 XC4000E Select-RAM: Maximum Configurability
- XBRF005 XC4000EX Routing: A Comparison with XC4000E and ORCA
- XBRF006 PLL Design Techniques and Usage in FPGA Design
- XBRF007 XC4000-Series FPGAs: The Best Choice for Delivering Logic Cores
- XBRF009 XC9500 Pin Locking Capability and Benchmarks