Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Embedded Development HW/SW Kit –
Virtex-5 FX70T PowerPC & MicroBlaze Processor Edition

Accelerate Your Embedded Designs With Integrated Hardware/Software IP Development Environments

- Intelligent tools, IP and reference designs streamline development
- Develop Embedded Software with Linux and other RTOS' for the PowerPC 440 processor with the Virtex-5 Embedded Development Kit
- Build fast and flexible embedded processing systems on high performance and customizable hardware platforms
- Receive world class training and support, with access to local and online resources.

The Virtex-5 Embedded Development Kit includes the following:

- Ultimate Productivity with the ISE™ Embedded Edition (device locked to the V5FX70T Device)
  - Full Features Embedded Software, locked to the V5FX70T device
- USB Download / Probe Cable, Serial, Ethernet and SATA cables, DVI adaptor, and Universal Power Supply
- Getting Started and online documentation and reference designs
- Compact Flash Card - 512 MB

Kick-Start Your Design

The Virtex-5 Embedded Development kit is designed to help you quickly and efficiently develop embedded applications using a fully integrated development platform. This kit accelerates the development process by giving you all the hardware, software, IP, cables and reference your design examples you need. This embedded development kit includes full seats of ISE and Embedded software.

Linux Reference Designs & RTOS Support

The development kit includes Linux reference systems that target both Virtex-5 PPC 440 processor and the MicroBlaze soft processor. For more information on the reference systems, please see *UG511, Virtex-5 FXT PowerPC 440 and MicroBlaze Edition Kit Reference Systems.*

For software development, the kit is supported by the Xilinx Software Development Kit (Eclipse-based IDE with GNU tools) as well as a wide range of Embedded OS and RTOSes, including:

Linux

- Wind River Linux 2.0 GPP
- MontaVista Linux 4.0 (5.0 coming soon)
- LynuxWorks BlueCat Linux 5.4.1
- TimeSys Linux

RTOS

- Wind River VxWorks
- GreenHills Integrity
- ExpressLogic ThreadX

XILINX®

Create Designs Faster

The award winning Xilinx Platform Studio tool suite enables you to quickly configure a hardware platform and create a custom software design that includes appropriate libraries as well as automated generation of device drivers and a complete BSP (Board Support Package). This productive environment saves time by accelerating design steps that would otherwise be manual and error-prone.

Create High Performance, Customized Embedded Designs

Create your own custom-processing platform while reducing your system cost by consolidating external functions into an FPGA. Select the perfect balance of feature and size for your system external logic functions, and optimize hardware/software design trade-offs for the best price-performance results that meet your exacting requirements.

Create Better Embedded Systems while Saving Time and Money

The Xilinx Embedded Development Kit (EDK) is a comprehensive suite of integrated development environment, software tools, configuration wizards, and IP that facilitates your design and utilizes all of the flexibility offered by a programmable platform.

Training and Support

Xilinx provides all of the support and services you need to shrink your development cycle and meet your design goals. From our world-class technical support to Design Services experts, Xilinx has the help you need, when you need it.

- Knowledge On-Demand & Highly-Trained Specialists Available to Answer Your Questions
- Recorded Learning Module
- Embedded Training Solutions That Put You On The Fast Track To Success
- Get Your Design Off To The Right Start With Embedded Processing QuickStart!
- Gain Efficiency with Titanium Dedicated Engineering support
- Xilinx Design Services

TAKE THE NEXT STEP

Buy an Embedded Development Kit today

For more information on all Xilinx Embedded Processing Solutions, please visit: ***www.xilinx.com/embdevkits***

Corporate Headquarters

Xilinx, Inc.
2100 Logic Drive
San Jose, CA 95124
USA
Tel: 408-559-7778
Web: www.xilinx.com

Europe

Xilinx Europe
One Logic Drive
Citywest Business Campus
Saggart, County Dublin
Ireland
Tel: +353-1-464-0311
Web: www.xilinx.com

Japan

Xilinx K.K.
Art Village Osaki Central Tower 4F
1-2-2 Osaki, Shinagawa-ku
Tokyo 141-0032 Japan
Tel: +81-3-6744-7777
Web: japan.xilinx.com

Asia Pacific Pte. Ltd.

Xilinx, Asia Pacific
5 Changi Business Park
Singapore 486040
Tel: +65-6407-3000
Web: www.xilinx.com

XILINX®

www.xilinx.com

© 2009 Xilinx, Inc. All rights reserved. XILINX, the Xilinx Logo, and other designated brands included herein are trademarks of Xilinx, Inc. PowerPC is a trademark of IBM, Inc. All other trademarks are the property of their respective owners.

Printed in U.S.A. PN 2092-1