

The tools and software you need before using our development board:

1. Vivado, PDF reader, WinRAR or equivalent.
2. Some other software need to be downloaded. Please contact us if any need. We will send you a package to download after ordering, it includes various software and source code root file system and so on.

Attention:

1. Please note that we use Vivado 2020.1 to build our tutorials. Unexpected issues may occur if you use another version. For those issues we may not provide technical support.
2. Please do not copy the codes in the PDFs, errors may occur.

Docs Catalogue

----factory_file-----	factory image catalogue
----xx 出厂 bsp.rar-----	factory image BSP
----xx 出厂 SD 卡镜像.rar-----	factory image
----factory_vivado.zip-----	factory Vivado project
----SD 卡恢复出厂状态.pdf-----	reset SD card to factory state
----00_hardware.rar-----	hardware
----01_原理图结构图等硬件资料-----	schematics, mechanical models, and so on
----02_芯片手册-----	datasheets of the on-board chips
----xx 用户手册.pdf-----	user manual
----course_s0_Xilinx 开发环境安装教程.pdf-----	how to setup development environment, including Vivado/Vitis and virtual machine and linux tools
----course_s1_ALINX_ZYNQ_MPSoC 开发平台 FPGA 教程 Vxx.pdf-----	FPGA logic development tutorial excludes ARM
----course_s1_fpga.zip-----	FPGA logic development project
----course_s2_ALINX_ZYNQ_MPSoC 开发平台 Vitis 应用教程 Vxx.pdf-----	bare machine development tutorial includes building Vivado project and ARM bare machine application development
----course_s2.zip-----	bare machine development project includes Vivado project and Vitis bare machine project


|----course_s2_addition.zip-----bare machine EMMC test project
|
|----course_s3_ALINX_ZYNQ_MPSoc 开发平台 Linux 基础教程 Vxx.pdf-----Linux development basic tutorials, mainly about custom Linux OS using Petalinux
|----course_s3.zip-----Linux development basic Petalinux project, boot files, applications and so on
|
|----course_s4_ALINX_ZYNQ_MPSoc 开发平台 Linux 驱动教程 Vxx.pdf-----Linux drivers development tutorials, including drivers for various peripherals like USB, SPI, I2C, DMA and so on
|----course_s4.zip-----applications for Linux drivers development
|
|----course_s5_linux 应用程序开发篇.pdf-----Linux applications development tutorials includes QT, OPENCV, camera and so on
|----course_s5.zip-----applications for Linux applications development
|
|----course_s6_MPSOC 开发平台 HLS 教程 Vxx.pdf-----HLS development tutorials, demonstrate how to realize HLS project and provide relevant example design
|----course_s6.zip-----HLS/VIVADO/VITIS projects for HLS development
|
|----lwip 例程专用库文件.zip-----course_s2 bare machine lwip demo modification library, users may replace referring to the tutorials.
|
|----xx_AI.rar-----Vitis-AI tutorials and materials
|
|----vcu_demo.zip-----VCU video codec demo
|
|----GUI.rar-----GUI built via QT

Thank you for using Alinx's products! Please feel free to contact us if you have any questions.
















Sales: sales@alinx.com

Technical support: technical@alinx.com

名称

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-  01_the tutorial of the routine section
-  02_basics tutorial of the language
-  03_Reference
-  04_schematics
-  05_chip manuals
-  06_module data
-  07_software and drivers
-  08_other datas
-  09_Factory program
-  10_MICROBLAZE
-  11_UCF
-  AX309 Development board tutorial and pro...
-  AX309 User guide
-  AX309 user manual V1.5
-  Xilinx problem summary for DEV Board Lear...