ROCKCHIP Wiki

From Rockchip open source Document

Rockchip Linux SDK(click to enter)

Rockchip Linux SDK is an official Linux release. Please contact **service@rock-chips.com** if you need business support. This page is for open source community. Please go to here if you want to use Rockchip Linux SDK

- Firmware Download
  - Please go to here if you want to download prebuilt Image for Rockchip Linux SDK

Source code

Rockchip provide open source software on Github including fully support for Linux Based OS:

- Github: rockchip-linux (https://github.com/rockchip-linux)

You can also find software for Rockchip SoCs from Upstream:

- Linux kernel (https://www.kernel.org/)
- U-Boot (http://www.denx.de/wiki/U-Boot/WebHome)
- ARM Trusted Firmware (https://github.com/ARM-software/arm-trusted-firmware)
- OP-TEE OS (https://github.com/OP-TEE/optee_os)

If you are using a Chrombook with Rockchip SoC, you can use:

- Chromium OS Coreboot (https://chromium.googlesource.com/chromiumos/third_party/coreboot)
- Chromium OS kernel (https://chromium.googlesource.com/chromiumos/third_party/kernel)

Hardware Support

Rockchip official hardware document release(please click to enter soc detail or download):

Products Solutions Newsroom Careers Contact

PX30	Quad-core Cortex-A35 CPU Mali-G31 MP2 GPU	Datasheet Schematic&Layout Guide
RK1808	Dual-core Cortex-A35 CPU NPU up to 3.0TOPs	TRM Datasheet Schematic&Layout Guide
RK3288	Quad-core Cortex-A17 CPU MALI-T760 MP4 GPU	TRM Datasheet Schematic&Layout Guide
RK3328	Quad-core Cortex-A53 CPU MALI-450 MP2 GPU	TRM Datasheet Schematic&Layout Guide
RK3399	Dual-core Cortex-A72 Quad-core Cortex-A53 CPU MALI-T860 MP4 GPU	TRM Datasheet Schematic&Layout Guide
RK3399Pro	Dual-core Cortex-A72 Quad-core Cortex-A53 CPU MALI-T860 MP4 GPU NPU up to 3.0TOPS	TRM Datasheet Schematic&Layout Guide

Software development

- **Software Feature Supoort status**
  - **Status_Matrix**
- **BSP**
  - U-Boot
  - Kernel
  - ARM Trusted Firmware
  - Distro
- **Graphics and Multimedia user guide**
  - Graphics and Display
  - Multimedia--Video Codec
  - Multimedia--Camera
- **Tool and Firmware Upgrade**
  - Boot Option
  - Rockusb
  - Firmware Upgrade Tools

Feedback

Any question about software module on github, please ask at issue page of github project.

If you have any other questions, please feel free to contact us, your feedback is the motivation for us to improve this Document website,

Email-to: **opensource@rock-chips.com**

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