Driver Development IMX519

2023-03-03

Jetson Linux (aka L4T) 35.2.1 is included in JetPack 5.1 SDK.

docs.nvidia.com

Jetson Linux r34.1, Kernel 4.9

- CameraDevelopment
- Camera Driver Porting

Jetson Linux r35.2.1, Kernel 5.10

- ⚠️ Sensor Software Driver Programming, information related to Jetson Linux r35.2.1
- Sensor Driver File Name Changes: Official list of supported camera sensors

developer.nvidia.com

- Jetson Linux this link always point to the latest JetPack version. For specific versions go to archive
- Jetpack SDK 5.1

Collection of Links

- Arducam-Pivariety-V4L2-Driver:
  This repository **ONLY** provides the driver and camera software tools for Raspberry pi.
- Source Code - IMX519:
  The driver for the IMX519 which is already part of the Raspberry Pi kernel source.
- ⚠️ Raspberry Pi HQ camera IMX477 Linux driver for Jetson:
  Provides information how to patch the IMX477 in the Jetson Orin
  - NVIDIA-Jetson-IMX477-RPIV3 Patch for AGX Orin (IMX477):
    Source code of the IMX477 patch
- Jetson kernel - IMX219 driver:
  Reference driver part of the Jetson Kernel (OLD), for new implementation check nv_imx219.c in the BSP.

Forums

- [No reply from camera processor - IMX219 - 180FPS - 4Lane](), 2022-12-08

From:
https://wiki.eolab.de/ - **HSRW EOLab Wiki**

Permanent link:
https://wiki.eolab.de/doku.php?id=projects:jetson:imx519

Last update: **2023/03/03 19:28**