

定昌主板公用的API文档 - 支持 #351

RK3588Linux开源平台

2022-06-09 17:00 - 研发-王志刚

状态:	新建	开始日期:	2022-06-09
优先级:	普通	计划完成日期:	
指派给:		% 完成:	0%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时
描述			
1723625454507977.png			

历史记录

#1 - 2022-06-09 17:01 - 研发-王志刚

一：公版固件

???????

???https://pan.baidu.com/s/1nIKrqoNKeuF031adyUN_BQ?pwd=1234

???1234

debian11:

???https://pan.baidu.com/s/1cxjNE3zbe6c2t7Zoowqn9g?pwd=kg6x

???kg6x

ubuntu20.04(??LXDE)?

???https://pan.baidu.com/s/1O6QqxMrGCAk0fKJ8iQGmKQ?pwd=mhek

???mhek

ubuntu20.04(*QT????)?

???https://pan.baidu.com/s/1PXj4gh6XbP7Q_-zTHiLX1A?pwd=1234

???1234

android12:

???https://pan.baidu.com/s/1BA6p9XDVeQ5qFPssNQXLPQ?pwd=1zf1

二：NPU使用文档

a: ????

???https://pan.baidu.com/s/1pMC-u7xShVqE6eT4dMh8-g?pwd=zkcx

???zkcx

b: ??DEMO?ubuntu 20.04???docker?

??? /home/ztl/rknn_ssd_demo_Linux ??/testRKNN.sh

???

car @ (0 138 14 155) 0.419957

person @ (96 135 105 162) 0.419957

??????

c: ??????

RK3588 RK3568 NPU????

???

?????????RK3588?NPU?????????yolov5???ARM???-????? <https://b23.tv/az7kSy6>

???yolov5s.onnx?rknn??RK3588?????????????-????? <https://b23.tv/0UyY9H4w>

?????????RK3588????????????? RKNN ??? AI ?????-????? <https://b23.tv/4HE82Tj>

?????(?????????SDK?DEMO)

???https://pan.baidu.com/s/1vTCuXKt8q9b6RNam-VxQvQ?pwd=3i7

?????3i7

?????????Docker NPU—SDK1.4??

???https://pan.baidu.com/s/1zemg3J3p0hXDkFCIB2fDSg?pwd=ierx

?????ierx

RK3399PRO NPU?????

?RK3399PRO NPU?????????????-????? <https://b23.tv/WtT2wUu>

1:??????

/home/ztl/rknpu_rk3399pro

./runRk3399ProNPU.sh

2:??????

/home/ztl/rknpu_rk3399pro/demo/rknn_ssd_demo_Linux

sudo ./run_demo.sh

??????

???https://pan.baidu.com/s/1h10ckRKf4w2TODYWoK_J-g?pwd=hc7e

?????hc7e

三：开源的LinuxSDK

3-1) 编译指南

a: ???

SDK?????

???https://pan.baidu.com/s/1wt6IsSCc5Up-b-n9Jmng?pwd=epmb

???epmb

tar xvf ztl_opensdkC588_202311.tar.gz

b:??

b-1): uboot??

./ztl_build_rk3588.sh -u

b-2): ????

./ztl_build_rk3588.sh -k

b-3): ??Ubuntu20.04??

./ztl_build_rk3588.sh -ub

????????output/GB_RK3588_Ubuntu2004_v3.0.img

b-4): ??Debian11??

vi ztl_build_rk3588.sh???136?#?????139?

./ztl_build_rk3588.sh -ub

????????output/GB_RK3588_****_v3.0.img

3-2) 烧录工具

链接：https://pan.baidu.com/s/14mLcngwT0EiunGFEgwJBVA?pwd=z17u

提取码：z17u

3-3) 烧录教学视频

???https://pan.baidu.com/s/1OyMbl-Di1jW9yEHe7TTFdA?pwd=qy7q

???qy7q

3-5): 硬件资料

????

???https://pan.baidu.com/s/1WckGjKSnlCyacF4kFGKdyw?pwd=vih0

???vih0

????

???https://pan.baidu.com/s/1lveq7mBP4489mGNN3FvwwA?pwd=5rjf

???5rjf

GPIO????

???https://pan.baidu.com/s/1lHHydAi9Dok482YQnGgy3w?pwd=pe81

???pe81

CAD??DXF????

???https://pan.baidu.com/s/1PCg4AIRshUCIfqFQVG_oQ?pwd=iqjr

???iqjr

#2 - 2023-11-08 11:41 - 研发-王志刚

- 主题 从 RK3588 开源平台 变更为 RK3588Linux 开源平台

#3 - 2024-08-14 16:50 - 研发-王志刚

- 描述 已更新。