REALTEK

Ameba Release Note

SDK release note

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1 Release v9.0

1.1 v9.0a

- First release for 8735b

1.2 v9.0b

- VOE FW upgrade to v0.4.0.4
- Support sensor ps5258
- Support build on Linux

2 Release v9.1

2.1 v9.1a

- Update base BSP
- Add posix api
- New structure for all example
- Add BT Simple Config
- Add BT coexist PTA mode
- Support sensor gc4653
- Add power save API
- Add sys_reset api
- Add QR code example
- Add kvs_webrtc_plus_producer_mmf

3 Release v9.2

3.1 v9.2a

- Update base BSP

3.2 v9.2b

- Support asdk 10.3.0
- Add at-command of isp
- Add fileloader module and filesaver module of NN
- Add mic type choose in audio examples

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- BT config support pro2 5G scan
- Add baremetal modules and example of NN
- Upgrade to VOE 0.7.0.0
- support wowlan and keep alive
- Add Nand flash example
- Set char as signed char
- Update power save example
- Support OTA
- Update secure storage example
- Support sensor mis2008
- Update kvs webrtc to support aws-iot credential
- Support fast connect at Nand flash

4 Release v9.3

4.1 v9.3a

- [wlan]add wifi_get_sta_max_data_rate api
- [nn] support model store in SNAND
- [flash]Sync ftl and std example
- [nn] add fwfs to merged application
- [wlan]add set mac address without writing efue api
- [video] upgrade to VOE 1.0.0.0
- enable ota checksum in default
- [wlan] increase the lwipopt.h buffer setting
- [isp] add osd2 and example
- [wlan] wowlan tcp and mqttssl keep alive
- [nn] add yolov4-tiny and support mbnetssd store in SNAND
- [mmf] add support data channel for kvs webrtc
- [wlan] user data flash layout and add normal driver power by rate and fine tune RX spur level
- [wlan] Reverse workaround 2.4G/5G LNA_LDO / TIA_LDO and thermal trim and PA Bias K new method
- [bt:ble] fix address error in bt power on
- [isp] add sensor imx307 on voe 1.0.0.0
- [wlan] Fixed 5G 40M throughput problem due to pro2 without vht
- [wlan] thermal trim and PA Bias K new method for new lead frame RL6601B BD1031

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- [video]Support g711 format for mp4
- [file] Support VFS function
- [isp] add motion detection and example
- [sdk] add ftl nand verify code
- [bt:ble] Fix hardfault while WiFi power off after bt deinit