Version: 0.0.9

Release date:2019/3/21

Change:

1. Use pm\_wakeup\_event() to abort suspend during entering suspend mode.

2. Remove wake\_lock mechanism

3. Remove useless header file

4. Burst copy the whole DSP buffer(now is 245760B) at first.

Dynamically adjust the delay for the next copy work based on

how long the data from DSP buffer can fill up the period buffer take.

5. Add enable/disable irq control mechanism

Disable IRQ in ISR. Only enable IRQ when irq reset to low.

There are 2 paths. one is watchdog, one is time-sync and recording

6. Support kcontrol "Reset Irq" to reset IRQ to low manually.

7. code re-factor about firmware loading

Version: 0.0.8

Release date:2019/3/14

Change:

1. Modify reset sequence due to old reset sequence keeps issue watchdog irq after doing reset.
2. Fix failure of reload firmware when watchdog issued. New model (“Farfield” OKG model) starts from 0x4ffad000 but not 0x4ffaf000.

Version: 0.0.7

Change:

1. Send an input event to user space when detect OKG.

2. Fix kcontrol “HOTWORD Trigger” typo

Version: 0.0.6

Change:

1. Add time stamp ioctl and feature for loading module dynamically.

Version: 0.0.5

Change:

1. Modify copy work queue time

2. Mute dmic while doing time sync.

3. Add variable is\_spi\_ready to check whether spi resume.

Version: 0.0.4

Change:

1. Keep LED always lights up while recording.

Version: 0.0.3

Change:

1. Remain only one gpio for receiving IRQ instead of two gpio.

Version: 0.0.2

Change:

1. Add watchdog feature and dsp core reset control for watchdog self-test.
2. Add dsp idle mode control and soc time sync control.

Version: 0.0.1

Change:

1. Support time sync tick and system time and get the timestamp