

Device	DA7210 DA7211
Device Type	Codec
Release	DA7210_Linux_Mainline_2r0
Release Date	14/11/2013
Operating System	Linux
Kernel Version	v2.6.34+

Summary

The scope of this document is to describe the Beta release of DA7210 CODEC driver for Linux, which has been accepted into the mainline kernel.

Changes from Previous Release

- Update document format.
- Add more verbose details on obtaining driver from mainline kernel.

Contents

SUMMARY	1
CHANGES FROM PREVIOUS RELEASE	1
CONTENTS	2
DELIVERABLE DETAILS	2
KERNEL VERSIONS SUPPORTED	2
SYSTEM REQUIREMENTS	2
KNOWN LIMITATIONS	2
REVISION HISTORY	2

Deliverable Details

The following is a list of the files contained in the release package:

- Release_Notes.pdf – This document
- Applications_Notes.pdf – Some information on installation and use of the driver

Kernel Versions Supported

The driver is supported from Linux Kernel v2.6.34 onwards. The source code can be found at the following location:

<http://git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git>

Kernel source code can be downloaded and found via the following steps:

- git clone git://git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git linux_mainline
- cd linux_mainline
- git checkout v2.6.34
- find sound/soc/codec -name "da7210**"

System Requirements

1. Host machine with Linux operating system.
2. GCC cross compiler for Target.
3. GNU make tool set.
4. ALSA utilities like aplay, arecord, amixer, alsamixer, etc.
5. DA7210 Evaluation Board (or platform board with integrated DA7210 chip).
6. Host platform board

Known Limitations

N/A

Revision History

Revision	Description	Date
DA7210_Linux_Mainline_2r0	Mainline acceptance details, Document format update	14/11/2013
DA7210_Linux_3r0	Internal Beta Release	4/10/2012