Application Notes

M8baby Spdif Pinmux Setting Guide
Revision 0.1

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Revision History

Revision	Revised Date	By	Changes
0.1	Jul. 3, 2014	chengshun.wang	Initial release draft

1. Overview

This document shows how to configure the GPIO to spdif pin in M8baby platform.

It includes:
- Pin connection
- DTD file

2. SPDIF Pin Connection
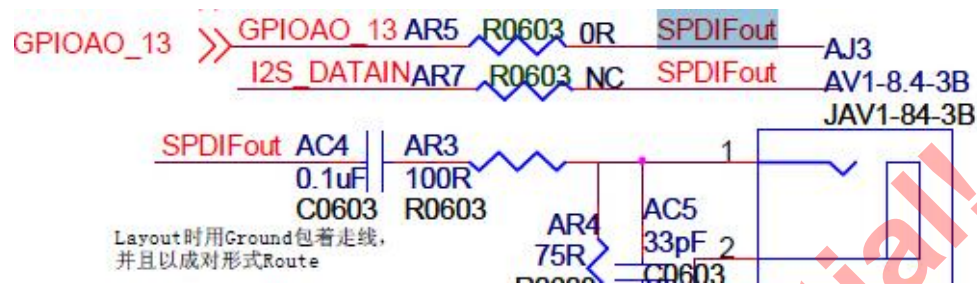
In M8baby mbox platform, we only use spdif out pin at now.

Fig 2.1 Spdif out connect in M8baby Mbox

Fig 2.2 Spdif out use GPIOAO_13 pin

We know spdif out port connect GPIOAO_13 pin from Fig 2.1 and Fig 2.2. This is just example, we need set pinmux according to project.

3. SPDIF Pinmux in DTD file

Now we set pinmux in different project dtd file.

- Dtd file path:
  Common/arch/arm/boot/dts/amlogic/meson8b_xxx_1G.dtd

- Set spdif pinmux
  ```
  audio_pins:audio_pin{
              amlogic,setmask=<10 0x8>;     // spdif out
              amlogic,clrmask=<10 0x2000>; // spdif out
              amlogic,pins = "GPIOAO_13";    // spdif out
      };
  ```