

Re: ADI AD1888 AC'97 audio CODEC on ASUS P4P800S

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2004-07/1371.html>

From: Srot BULL (pwd8jmr22w_at_me.point.ne.jp)

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To: artifex <artifex@freemail.hu>, freebsd-questions@freebsd.org

Thanks for the reply...It was only yesterday that I was able to test my PC...and below are what I did and some not so positive results...

>>>*I have the Asus P4P800E which has a similar onboard audio. Even though it says unknown AC97 codec mine still works. Are you not getting sound at all?*

>>

>>*I just purchased a pair of speakers yesterday and spent some time reading the User Guide...I tried to connect my speakers to the Lime colored Line out (don't know the technical word) jack?? but no sound came out and tried it to the other 2 jacks?? (Pink color and Light Blue color)...again no sound...*

>

artifex wrote:

> *I think the sound muted by default. Try to install `rexima` or `aumix` and set the volumes in that. After you set the volumes try to play a longer sound, music and try all the jacks one by one.*

Followed your hints and installed `aumix`...The PCM and Volume was not muted on default...

So, I recompiled my kernel with "device pcm" and device "sbc" (saw the handbook)...still no sound...I was about to give up (by the way, I am using the latest Gnome 2 from the ports, was using the gnome cd player application for testing...), but I seem to remember that I mistakenly used the Music Player of Gnome and I heard some sound coming out...that was before, so I tried to play some radio stations using Music Player and found out that sound comes out using the pink colored jack, wonderful...I was able to confirm that sound does come out...

I am only wondering why does sound come out from the pink jack and not from the lime colored jack...? and only using Music Player...I tried using `#cdcontrol -f /dev/acd0` and no sound on either 3 jacks...of course, if I connect my speakers directly to my CD-RW/DVD player's phone jack music comes out...

Anyway more things that I should try to solve this...I hope there are...

I was hoping to use the lime-colored jack (that Window\$ normally use) so that I do not have to move things, each time I use FreeBSD (I try not to

use Window\$, but I have it installed in my primary disk that my Girlfriend can have her way too – a good decision for a peaceful and healthy life...hehhe).

I hope nobody minds that I paste my long dmesg that you guys can look at it and maybe find something strange that I have done:

I would really appreciate any help/advice/hints on this...

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Copyright (c) 1992–2004 The FreeBSD Project.  
Copyright (c) 1979, 1980, 1983, 1986, 1988, 1989, 1991, 1992, 1993, 1994  
The Regents of the University of California. All rights reserved.  
FreeBSD 5.2.1–RELEASE–p9 #2: Wed Jul 14 19:21:48 JST 2004  
Preloaded elf kernel "/boot/kernel/kernel" at 0xc0849000.  
Preloaded elf module "/boot/kernel/acpi.ko" at 0xc084921c.  
ACPI APIC Table: <A M I OEMAPIC >  
Timecounter "i8254" frequency 1193182 Hz quality 0  
CPU: Intel(R) Pentium(R) 4 CPU 2.80GHz (2806.38–MHz 686–class CPU)  
Origin = "GenuineIntel" Id = 0xf33 Stepping = 3
```

```
Features=0xbfbfbff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,APIC,SEP,MTRR,PGE,MCA,CMOV,PAT,PSE.  
Hyperthreading: 2 logical CPUs  
real memory = 1072889856 (1023 MB)  
avail memory = 1032757248 (984 MB)  
FreeBSD/SMP: Multiprocessor System Detected: 2 CPUs  
cpu0 (BSP): APIC ID: 0  
cpu1 (AP): APIC ID: 1  
ioapic0 <Version 2.0> irqs 0–23 on motherboard  
Pentium Pro MTRR support enabled  
npx0: [FAST]  
npx0: <math processor> on motherboard  
npx0: INT 16 interface  
acpi0: <A M I OEMRSDT > on motherboard  
pcibios: BIOS version 2.10  
Using $PIR table, 11 entries at 0xc00f51f0  
acpi0: Power Button (fixed)  
Timecounter "ACPI–safe" frequency 3579545 Hz quality 1000  
acpi_timer0: <24–bit timer at 3.579545MHz> port 0x808–0x80b on acpi0  
acpi_cpu0: <CPU> port 0x530–0x537 on acpi0  
acpi_cpu1: <CPU> port 0x530–0x537 on acpi0  
pcib0: <ACPI Host–PCI bridge> port 0xcf8–0xcff on acpi0  
pci0: <ACPI PCI bus> on pcib0  
agp0: <Intel 82865 host to AGP bridge> mem 0xf0000000–0xf7ffffff at  
device 0.0 on pci0  
pcib1: <ACPI PCI–PCI bridge> at device 1.0 on pci0  
pcib1: could not get PCI interrupt routing table for \_SB_.PCI0.P0P1 –  
AE_NOT_FOUND  
pci1: <ACPI PCI bus> on pcib1  
pci1: <display, VGA> at device 0.0 (no driver attached)  
uhci0: <Intel 82801EB (ICH5) USB controller USB–A> port 0xef00–0xef1f  
irq 16 at device 29.0 on pci0  
usb0: <Intel 82801EB (ICH5) USB controller USB–A> on uhci0
```

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usb0: USB revision 1.0
uhub0: Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1
uhub0: 2 ports with 2 removable, self powered
ums0: Acrox USB & PS/2 Mouse, rev 1.10/0.01, addr 2, iclass 3/1
ums0: 5 buttons and Z dir.
uhci1: <Intel 82801EB (ICH5) USB controller USB-B> port 0xef20-0xef3f
irq 19 at device 29.1 on pci0
usb1: <Intel 82801EB (ICH5) USB controller USB-B> on uhci1
usb1: USB revision 1.0
uhub1: Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1
uhub1: 2 ports with 2 removable, self powered
uhci2: <Intel 82801EB (ICH5) USB controller USB-C> port 0xef40-0xef5f
irq 18 at device 29.2 on pci0
usb2: <Intel 82801EB (ICH5) USB controller USB-C> on uhci2
usb2: USB revision 1.0
uhub2: Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1
uhub2: 2 ports with 2 removable, self powered
uhci3: <Intel 82801EB (ICH5) USB controller USB-D> port 0xef80-0xef9f
irq 16 at device 29.3 on pci0
usb3: <Intel 82801EB (ICH5) USB controller USB-D> on uhci3
usb3: USB revision 1.0
uhub3: Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1
uhub3: 2 ports with 2 removable, self powered
pci0: <serial bus, USB> at device 29.7 (no driver attached)
pcib2: <ACPI PCI-PCI bridge> at device 30.0 on pci0
pci2: <ACPI PCI bus> on pcib2
rl0: <RealTek 8139 10/100BaseTX> port 0xd800-0xd8ff mem
0xfeaffc00-0xfeaffcff irq 22 at device 5.0 on pci2
rl0: Ethernet address: 00:0e:a6:96:19:4c
miibus0: <MII bus> on rl0
rlphy0: <RealTek internal media interface> on miibus0
rlphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, auto
isab0: <PCI-ISA bridge> at device 31.0 on pci0
isa0: <ISA bus> on isab0
atapci0: <Intel ICH5 UDMA100 controller> port
0xfc00-0xfc0f,0-0x3,0-0x7,0-0x3,0-0x7 at device 31.1 on pci0
ata0: at 0x1f0 irq 14 on atapci0
ata0: [MPSAFE]
ata1: at 0x170 irq 15 on atapci0
ata1: [MPSAFE]
pci0: <serial bus, SMBus> at device 31.3 (no driver attached)

pcm0: <Intel ICH5 (82801EB)> port 0xee80-0xeebf,0xe800-0xe8ff mem
0xfebff400-0xfebff4ff,0xfebff800-0xfebff9ff irq 17 at device 31.5 on pci0
pcm0: <Unknown AC97 Codec (id = 0x41445368)>

acpi_button0: <Power Button> on acpi0
atkbd0: <Keyboard controller (i8042)> port 0x64,0x60 irq 1 on acpi0
atkbd0: <AT Keyboard> flags 0x1 irq 1 on atkbd0
kbd0 at atkbd0
fdc0: <Enhanced floppy controller (i82077, NE72065 or clone)> port

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0x3f7,0x3f0-0x3f5 irq 6 drq 2 on acpi0
fdc0: FIFO enabled, 8 bytes threshold
fd0: <1440-KB 3.5" drive> on fdc0 drive 0
ppc0 port 0x778-0x77b,0x378-0x37f irq 7 drq 3 on acpi0
ppc0: SMC-like chipset (ECP/EPP/PS2/NIBBLE) in COMPATIBLE mode
ppc0: FIFO with 16/16/9 bytes threshold
ppbus0: <Parallel port bus> on ppc0
orm0: <Option ROM> at iomem 0xc0000-0xcf7ff on isa0
pmtimer0 on isa0
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff on isa0
Timecounters tick every 10.000 msec
ipfw2 initialized, divert enabled, rule-based forwarding enabled,
default to deny, logging limited to 100 packets/entry by default
GEOM: create disk ad0 dp=0xc6b67a60
ad0: 157066MB <HDS722516VLAT80> [319120/16/63] at ata0-master UDMA100
acd0: CDRW <ATAPI COMBO52XMAX> at ata0-slave PIO4
GEOM: create disk ad2 dp=0xc6b67460
ad2: 190782MB <HDS722525VLAT80> [387621/16/63] at ata1-master UDMA100
SMP: AP CPU #1 Launched!
Mounting root from ufs:/dev/ad2s1a

freebsd-questions@freebsd.org mailing list

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