

Last login: Thu May 26 13:07:07 on console
/Users/admin/Desktop/getdump ; exit;
admins-mac-pro:~ admin\$ /Users/admin/Desktop/getdump ; exit;
Found a device of class VoodooHDADevice: IOService:/AppleACPIPlatformExpert/PCI0
/AppleACPIPCI/HDEF@1B/VoodooHDADevice

Probing codec #0...

HDA Codec #0: Realtek ALC268

HDA Codec ID: 0x10ec0268

Vendor: 0x10ec

Device: 0x0268

Revision: 0x00

Stepping: 0x03

PCI Subvendor: 0x30cc103c

startNode=1 endNode=2

Found audio FG nid=1 startNode=2 endNode=37 total=35

Processing audio FG cad=0 nid=1...

Powering up...

Parsing audio FG...

GPIO: 0x40000004 NumGPIO=4 NumGPO=0 NumGPI=0 GPIWake=0 GPIUnsol=1

nid 18 0x411111f0 as 15 seq 0 Speaker None jack 1 loc 1 color Black
misc 1

nid 19 0x411111f0 as 15 seq 0 Speaker None jack 1 loc 1 color Black
misc 1

nid 20 0x99130110 as 1 seq 0 Speaker Fixed jack 3 loc 25 color Unknown
misc 1

nid 21 0x01211020 as 2 seq 0 Headphones Jack jack 1 loc 1 color Black
misc 0

nid 22 0x411111f0 as 15 seq 0 Speaker None jack 1 loc 1 color Black
misc 1

nid 24 0x01a11840 as 4 seq 0 Microphone Jack jack 1 loc 1 color Black
misc 8

nid 25 0x99a3094e as 4 seq 14 Microphone Fixed jack 3 loc 25 color Unknown
misc 9

nid 26 0x411111f0 as 15 seq 0 Speaker None jack 1 loc 1 color Black
misc 1

nid 28 0x411111f0 as 15 seq 0 Speaker None jack 1 loc 1 color Black
misc 1

Patching widget caps nid=29 0x00400000 -> 0x00700000

nid 30 0x99430130 as 3 seq 0 SPDIF-out Fixed jack 3 loc 25 color Unknown
misc 1

Parsing vendor patch...

VHDevice NID=2 Config=00000000 Type=00000000 Cap=00000000 Ctrl=00000000 -- Conns
:

VHDevice NID=3 Config=00000000 Type=00000000 Cap=00000000 Ctrl=00000000 -- Conns
:

VHDevice NID=4 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conns
:

VHDevice NID=5 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conns
:

VHDevice NID=6 Config=00000000 Type=00000000 Cap=00000000 Ctrl=00000000 -- Conns
:

VHDevice NID=7 Config=00000000 Type=00000001 Cap=00000000 Ctrl=00000000 -- Conns
: 0=36

VHDevice NID=8 Config=00000000 Type=00000001 Cap=00000000 Ctrl=00000000 -- Conns
: 0=35

VHDevice NID=9 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conns
:
VHDevice NID=10 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=11 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=12 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=13 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=14 Config=00000000 Type=00000002 Cap=00000000 Ctrl=00000000 -- Conn
s: 0=2
VHDevice NID=15 Config=00000000 Type=00000002 Cap=00000000 Ctrl=00000000 -- Conn
s: 0=2 1=29
VHDevice NID=16 Config=00000000 Type=00000002 Cap=00000000 Ctrl=00000000 -- Conn
s: 0=3 1=29 2=2
VHDevice NID=17 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=18 Config=411111f0 Type=00000004 Cap=00000020 Ctrl=00000000 -- Conn
s:
VHDevice NID=19 Config=411111f0 Type=00000004 Cap=00000020 Ctrl=00000000 -- Conn
s:
VHDevice NID=20 Config=99130110 Type=00000004 Cap=0001003c Ctrl=00000020 -- Conn
s: 0=15
VHDevice NID=21 Config=01211020 Type=00000004 Cap=0001003c Ctrl=00000020 -- Conn
s: 0=16
VHDevice NID=22 Config=411111f0 Type=00000004 Cap=00000010 Ctrl=00000000 -- Conn
s: 0=14
VHDevice NID=23 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=24 Config=01a11840 Type=00000004 Cap=00003734 Ctrl=00000021 -- Conn
s: 0=2
VHDevice NID=25 Config=99a3094e Type=00000004 Cap=00003724 Ctrl=00000020 -- Conn
s:
VHDevice NID=26 Config=411111f0 Type=00000004 Cap=00003734 Ctrl=00000020 -- Conn
s: 0=2
VHDevice NID=27 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=28 Config=411111f0 Type=00000004 Cap=00000020 Ctrl=00000020 -- Conn
s:
VHDevice NID=29 Config=00000000 Type=00000007 Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=30 Config=99430130 Type=00000004 Cap=00000010 Ctrl=00000040 -- Conn
s: 0=6
VHDevice NID=31 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=32 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=33 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=34 Config=00000000 Type=0000000f Cap=00000000 Ctrl=00000000 -- Conn
s:
VHDevice NID=35 Config=00000000 Type=00000003 Cap=00000000 Ctrl=00000000 -- Conn
s: 0=24 1=25 2=26 3=28 4=20 5=21 6=18
VHDevice NID=36 Config=00000000 Type=00000003 Cap=00000000 Ctrl=00000000 -- Conn
s: 0=24 1=25 2=26 3=28 4=20 5=21 6=19
Disabling nonaudio...
Disabling useless...

```

Disabling pin nid 18 due to None connectivity.
Disabling pin nid 19 due to None connectivity.
Disabling pin nid 22 due to None connectivity.
Disabling pin nid 26 due to None connectivity.
Disabling pin nid 28 due to None connectivity.
Disabling nid 14 due to all it's consumers disabled.
Disabling nid 35 connection 2 due to disabled child widget.
Disabling nid 35 connection 3 due to disabled child widget.
Disabling nid 35 connection 6 due to disabled child widget.
Disabling nid 36 connection 2 due to disabled child widget.
Disabling nid 36 connection 3 due to disabled child widget.
Disabling nid 36 connection 6 due to disabled child widget.
Patched pins configuration:
nid 18 0x411111f0 as 15 seq 0          Speaker  None jack  1 loc  1 color  Black
misc 1 [DISABLED]
nid 19 0x411111f0 as 15 seq 0          Speaker  None jack  1 loc  1 color  Black
misc 1 [DISABLED]
nid 20 0x99130110 as  1 seq 0          Speaker  Fixed jack  3 loc 25 color Unknown
misc 1
nid 21 0x01211020 as  2 seq 0          Headphones Jack jack  1 loc  1 color  Black
misc 0
nid 22 0x411111f0 as 15 seq 0          Speaker  None jack  1 loc  1 color  Black
misc 1 [DISABLED]
nid 24 0x01a11840 as  4 seq 0          Microphone Jack jack  1 loc  1 color  Black
misc 8
nid 25 0x99a3094e as  4 seq 14         Microphone Fixed jack  3 loc 25 color Unknown
misc 9
nid 26 0x411111f0 as 15 seq 0          Speaker  None jack  1 loc  1 color  Black
misc 1 [DISABLED]
nid 28 0x411111f0 as 15 seq 0          Speaker  None jack  1 loc  1 color  Black
misc 1 [DISABLED]
nid 30 0x99430130 as  3 seq 0          SPDIF-out Fixed jack  3 loc 25 color Unknown
misc 1
Parsing pin associations...
4 associations found:
Association 0 (1) out:
  Pin nid=20 seq=0
  Redir type=-1 jack=-1 def=0
Association 1 (2) out:
  Pin nid=21 seq=0
  Redir type=-1 jack=0 def=0
Association 2 (3) out:
  Pin nid=30 seq=0
  Redir type=-1 jack=-1 def=0
Association 3 (4) in:
  Pin nid=24 seq=0
  Pin nid=25 seq=14
  Redir type=0 jack=0 def=14
Building AFG tree...
Tracing association 0 (1)
Tracing pin 20 with min nid 0
  tracing via nid 20
    tracing via nid 15
      tracing via nid 2
        nid 2 returned 2
      tracing via nid 29
        nid 15 returned 2
    nid 20 returned 2

```

Pin 20 traced to DAC 2
Association 0 (1) trace succeeded
Tracing association 1 (2)
Tracing pin 21 with min nid 0
tracing via nid 21
tracing via nid 16
tracing via nid 3
nid 3 returned 3
tracing via nid 29
tracing via nid 2
nid 2 busy by association 0
nid 16 returned 3
nid 21 returned 3
Pin 21 traced to DAC 3
Association 1 (2) trace succeeded
Tracing association 2 (3)
Tracing pin 30 with min nid 0
tracing via nid 30
tracing via nid 6
nid 6 returned 6
nid 30 returned 6
Pin 30 traced to DAC 6
Association 2 (3) trace succeeded
Tracing association 3 (4)
Tracing pin 24 to ADC 7
tracing via nid 24
tracing via nid 35
tracing via nid 8
nid 8 returned 0
nid 35 returned 0
tracing via nid 36
tracing via nid 7
nid 7 returned 1
nid 36 returned 1
nid 24 returned 1
Pin 24 traced to ADC 7
Tracing pin 25 to ADC 7
tracing via nid 25
tracing via nid 35
tracing via nid 8
nid 8 returned 0
nid 35 returned 0
tracing via nid 36
tracing via nid 7
nid 7 returned 1
nid 36 returned 1
nid 25 returned 1
Pin 25 traced to ADC 7
Association 3 (4) trace succeeded
Tracing input monitor
Tracing other input monitors
Tracing nid 24 to out
tracing via nid 24
tracing via nid 35
tracing via nid 8
nid 8 returned 0
nid 35 returned 0
tracing via nid 36

```
    nid 36 busy by input association 3
    nid 24 returned 0
Tracing nid 25 to out
    tracing via nid 25
    tracing via nid 35
    tracing via nid 8
    nid 8 returned 0
    nid 35 returned 0
    tracing via nid 36
    nid 36 busy by input association 3
    nid 25 returned 0
Tracing beeper
    Tracing nid 29 to out
    tracing via nid 29
    tracing via nid 15
    nid 15 found output association 0
    tracing via nid 16
    nid 16 found output association 1
    nid 29 returned 1
    nid 29 traced to out
Disabling unassociated widgets...
    Disabling unassociated nid 4.
    Disabling unassociated nid 5.
    Disabling unassociated nid 8.
    Disabling unassociated nid 9.
    Disabling unassociated nid 10.
    Disabling unassociated nid 11.
    Disabling unassociated nid 12.
    Disabling unassociated nid 13.
    Disabling unassociated nid 17.
    Disabling unassociated nid 23.
    Disabling unassociated nid 27.
    Disabling unassociated nid 31.
    Disabling unassociated nid 32.
    Disabling unassociated nid 33.
    Disabling unassociated nid 34.
    Disabling unassociated nid 35.
    Disabling connection from output pin nid 36 conn 4 cnid 20.
    Disabling connection from output pin nid 36 conn 5 cnid 21.
    Disabling connection to input pin nid 24 conn 0.
Disabling nonselected inputs...
Disabling useless...
Disabling crossassociated connections...
Disabling useless...
Binding associations to channels...
Assigning names to signal sources...
Parsing Ctls...
Assigning mixers to the tree...
    trace source, nid 2
    add out ossmask pcm
    trace source, nid 15
    add in ossmask pcm
    trace source, nid 16
    add in ossmask pcm
    trace source, nid 3
    add out ossmask pcm
    trace source, nid 16
    add in ossmask pcm
```

```
trace source, nid 6
  trace source, nid 30
trace dest nid 7
  trace dest nid 36
  add out ossmask rec
    trace dest nid 24
    add out ossmask rec
    trace goed to pin complex
    trace dest nid 25
    add out ossmask rec
    trace goed to pin complex
trace dest nid 15
add out ossmask igain
  trace dest nid 29
trace dest nid 16
add out ossmask igain
  trace dest nid 29
trace dest nid 20
add out ossmask vol
  trace dest nid 15
  add out ossmask vol
    trace dest nid 2
  add out ossmask vol
    trace dest nid 29
trace dest nid 21
add out ossmask vol
  trace dest nid 16
  add out ossmask vol
    trace dest nid 3
    add out ossmask vol
  add out ossmask vol
    trace dest nid 29
  add out ossmask vol
    trace dest nid 2
trace source, nid 24
add out ossmask mic
  trace source, nid 36
  trace source, nid 7
trace source, nid 25
add out ossmask monitor
  trace source, nid 36
  trace source, nid 7
trace source, nid 29
  trace source, nid 15
  add in ossmask speaker
  trace source, nid 16
  add in ossmask speaker
trace dest nid 30
  trace dest nid 6
Preparing pin controls...
AFG commit...
Creating PCM devices...
pcmAttach: HDA Realtek ALC268 PCM #0 Analog at cad 0 nid 1
+-----+
| DUMPING PCM Playback/Record Channels |
+-----+
```

Playback:

```
Stream cap: 0x00000001
          PCM
PCM cap: 0x000e0560
        16 20 24 bits, 44 48 96 192 KHz
DAC: 2
```

Record:

```
Stream cap: 0x00000001
          PCM
PCM cap: 0x00060160
        16 20 bits, 44 48 96 KHz
ADC: 7
```

```
+-----+
| DUMPING Playback/Record Paths |
+-----+
```

Playback:

```
nid=20 [pin: Speaker (CD)]
|
+ <- nid=15 [audio mixer]
```

Record:

```
nid=7 [audio input]
|
+ <- nid=36 [audio selector] [src: mic, monitor] bindSeq=00004001
|
+ <- nid=24 [pin: Microphone (Black Rear)] [src: mic] bindSeq=00000
001
+ <- nid=25 [pin: Microphone (CD)] [src: monitor] bindSeq=00004000
```

```
+-----+
| DUMPING Volume Controls |
+-----+
```

Master Volume (OSS: vol)

```
|
+- control 3 (nid 15 in 0): dir - out oss: vol, pcm mute
+- control 4 (nid 15 in 1): dir - out oss: vol, speaker, igain mute
+- control 8 (nid 20 out): dir - out oss: vol mute
```

PCM Volume (OSS: pcm)

```
|
+- control 1 (nid 2 out): dir - out oss: pcm -64/+0dB (65 steps)
+- control 3 (nid 15 in 0): dir - out oss: vol, pcm mute
```

Microphone Volume (OSS: mic)

```
|
+- control 11 (nid 24 in 0): dir - in oss: mic +0/+40dB (3 steps)
```

Microphone2 Volume (OSS: monitor)

```
|
+- control 12 (nid 25 in 0): dir - in oss: monitor +0/+40dB (3 steps)
```

Speaker/Beep Volume (OSS: speaker)

```
|
+- control 4 (nid 15 in 1): dir - out oss: vol, speaker, igain mute
```

Recording Level (OSS: rec)

```
|
+- control 13 (nid 36 out): dir - in oss: rec -16/+30dB (32 steps) + mute
```

Input Monitoring Level (OSS: igain)

```
|
+- control 4 (nid 15 in 1): dir - out oss: vol, speaker, igain mute
```

OSS mixer initialization...

Recsel (line, mic, cd, monitor): nid 36 source 0 select

Registering PCM channels...

pcmAttach: HDA Realtek ALC268 PCM #1 Analog at cad 0 nid 1

```
+-----+
| DUMPING PCM Playback/Record Channels |
+-----+
```

Playback:

```
Stream cap: 0x00000001
           PCM
PCM cap: 0x000e0560
        16 20 24 bits, 44 48 96 192 KHz
DAC: 3
```

```
+-----+
| DUMPING Playback/Record Paths |
+-----+
```

Playback:

```
nid=21 [pin: Headphones (Black Rear)]
|
+ <- nid=16 [audio mixer]
```

```
+-----+
| DUMPING Volume Controls |
+-----+
```

Master Volume (OSS: vol)

```
|
+- control 2 (nid 3 out): dir - out oss: vol, pcm -64/+0dB (65 steps)
+- control 5 (nid 16 in 0): dir - out oss: vol, pcm mute
+- control 6 (nid 16 in 1): dir - out oss: vol, speaker, igain mute
+- control 7 (nid 16 in 2): dir - out oss: vol, pcm mute
+- control 9 (nid 21 out): dir - out oss: vol mute
```

PCM Volume (OSS: pcm)

```
|
+- control 2 (nid 3 out): dir - out oss: vol, pcm -64/+0dB (65 steps)
+- control 5 (nid 16 in 0): dir - out oss: vol, pcm mute
+- control 7 (nid 16 in 2): dir - out oss: vol, pcm mute
```

Speaker/Beep Volume (OSS: speaker)

```
|
```

+-- control 6 (nid 16 in 1): dir - out oss: vol, speaker, igain mute

Input Monitoring Level (OSS: igain)

|
+-- control 6 (nid 16 in 1): dir - out oss: vol, speaker, igain mute

OSS mixer initialization...

Registering PCM channels...

pcmAttach: HDA Realtek ALC268 PCM #2 Digital at cad 0 nid 1

+-----+
| DUMPING PCM Playback/Record Channels |
+-----+

Playback:

Stream cap: 0x00000005
AC3 PCM
PCM cap: 0x001e05e0
16 20 24 32 bits, 44 48 88 96 192 KHz
DAC: 6

+-----+
| DUMPING Playback/Record Paths |
+-----+

Playback:

nid=30 [pin: SPDIF-out (CD)]
|
+ <- nid=6 [audio output] [src: pcm] bindSeq=00000001

+-----+
| DUMPING Volume Controls |
+-----+

OSS mixer initialization...

Registering PCM channels...

FG config/quirks: forcestereo ivref50 ivref80 ivref100 ivref

HP switch init...

+-----+
| DUMPING HDA NODES |
+-----+

Default Parameter

Stream cap: 0x00000001
PCM
PCM cap: 0x000e0560
16 20 24 bits, 44 48 96 192 KHz
IN amp: 0x00000000
OUT amp: 0x00000000

nid: 2

Name: audio output

Widget cap: 0x0000001d

STEREO

Association: 0 (0x00000001)

```
OSS: pcm (pcm)
Stream cap: 0x00000001
PCM
PCM cap: 0x000e0560
16 20 24 bits, 44 48 96 192 KHz
Output amp: 0x00034040
mute=0 step=64 size=3 offset=64
Output val: [0x3A 0x3A]

nid: 3
Name: audio output
Widget cap: 0x0000001d
STEREO
Association: 1 (0x00000001)
OSS: pcm (pcm)
Stream cap: 0x00000001
PCM
PCM cap: 0x000e0560
16 20 24 bits, 44 48 96 192 KHz
Output amp: 0x00034040
mute=0 step=64 size=3 offset=64
Output val: [0x2B 0x2B]

nid: 4 [DISABLED]
Name: vendor widget
Widget cap: 0x00f00000

nid: 5 [DISABLED]
Name: vendor widget
Widget cap: 0x00f00000

nid: 6
Name: audio output
Widget cap: 0x00000211
DIGITAL STEREO
Association: 2 (0x00000001)
OSS: pcm (pcm)
Stream cap: 0x00000001
PCM
PCM cap: 0x001e05e0
16 20 24 32 bits, 44 48 88 96 192 KHz

nid: 7
Name: audio input
Widget cap: 0x00100111
STEREO
Association: 3 (0x00004001)
Stream cap: 0x00000001
PCM
PCM cap: 0x00060160
16 20 bits, 44 48 96 KHz
connections: 1 enabled 1
|
+ <- nid=36 [audio selector]

nid: 8 [DISABLED]
Name: audio input
Widget cap: 0x00100111
```

```
STEREO
Stream cap: 0x00000001
PCM
PCM cap: 0x00060160
16 20 bits, 44 48 96 KHz
connections: 1 enabled 1
|
+ <- nid=35 [audio selector] [DISABLED]

nid: 9 [DISABLED]
Name: vendor widget
Widget cap: 0x00f00000

nid: 10 [DISABLED]
Name: vendor widget
Widget cap: 0x00f00000

nid: 11 [DISABLED]
Name: vendor widget
Widget cap: 0x00f00000

nid: 12 [DISABLED]
Name: vendor widget
Widget cap: 0x00f00000

nid: 13 [DISABLED]
Name: vendor widget
Widget cap: 0x00f00000

nid: 14 [DISABLED]
Name: audio mixer
Widget cap: 0x0020010a
Input amp: 0x80000000
mute=1 step=0 size=0 offset=0
Input val: [0x00 0x00]
connections: 1 enabled 1
|
+ <- nid=2 [audio output]

nid: 15
Name: audio mixer
Widget cap: 0x0020010b
STEREO
Association: 0 (0x00000001)
OSS: (igain)
Input amp: 0x80000000
mute=1 step=0 size=0 offset=0
Input val: [0x00 0x00] [0x00 0x00]
connections: 2 enabled 2
|
+ <- nid=2 [audio output]
+ <- nid=29 [beep widget]

nid: 16
Name: audio mixer
Widget cap: 0x0020010b
STEREO
Association: 1 (0x00000001)
```

```
OSS: (igain)
Input amp: 0x80000000
          mute=1 step=0 size=0 offset=0
Input val: [0x00 0x00] [0x00 0x00] [0x00 0x00]
connections: 3 enabled 3
  |
  + <- nid=3 [audio output]
  + <- nid=29 [beep widget]
  + <- nid=2 [audio output]

  nid: 17 [DISABLED]
  Name: vendor widget
Widget cap: 0x00f00000

  nid: 18 [DISABLED]
  Name: pin: Speaker (None)
Widget cap: 0x00400001
          STEREO
  Pin cap: 0x00000020
          IN
Pin config: 0x411111f0
Pin control: 0x00000000

  nid: 19 [DISABLED]
  Name: pin: Speaker (None)
Widget cap: 0x00400001
          STEREO
  Pin cap: 0x00000020
          IN
Pin config: 0x411111f0
Pin control: 0x00000000

  nid: 20
  Name: pin: Speaker (CD)
Widget cap: 0x0040018d
          UNSOL STEREO
Association: 0 (0x00000001)
  Pin cap: 0x0001003c
          PDC HP OUT IN EAPD
Pin config: 0x99130110
Pin control: 0x00000040 OUT
          EAPD: 0x00000002
Output amp: 0x80000000
          mute=1 step=0 size=0 offset=0
Output val: [0x00 0x00]
connections: 1 enabled 1
  |
  + <- nid=15 [audio mixer]

  nid: 21
  Name: pin: Headphones (Black Rear)
Widget cap: 0x0040018d
          UNSOL STEREO
Association: 1 (0x00000001)
  Pin cap: 0x0001003c
          PDC HP OUT IN EAPD
Pin config: 0x01211020
Pin control: 0x000000c0 HP OUT
```

```

    EAPD: 0x00000002
Output amp: 0x80000000
           mute=1 step=0 size=0 offset=0
Output val: [0x00 0x00]
connections: 1 enabled 1
  |
  + <- nid=16 [audio mixer]

    nid: 22 [DISABLED]
    Name: pin: Speaker (None)
Widget cap: 0x0040010c
  Pin cap: 0x00000010
    OUT
  Pin config: 0x411111f0
  Pin control: 0x00000000
  Output amp: 0x80000000
           mute=1 step=0 size=0 offset=0
Output val: [0x80 0x80]
connections: 1 enabled 1
  |
  + <- nid=14 [audio mixer] [DISABLED]

    nid: 23 [DISABLED]
    Name: vendor widget
Widget cap: 0x00f00000

    nid: 24
    Name: pin: Microphone (Black Rear)
Widget cap: 0x0040018f
    UNSOL STEREO
Association: 3 (0x00000001)
    OSS: mic (mic)
  Pin cap: 0x00003734
    PDC OUT IN VREF[ 50 80 100 GROUND HIZ ]
  Pin config: 0x01a11840
  Pin control: 0x00000025 IN VREFs
  Output amp: 0x80000000
           mute=1 step=0 size=0 offset=0
Output val: [0x00 0x00]
  Input amp: 0x004f0200
           mute=0 step=2 size=79 offset=0
  Input val: [0x01 0x01]
connections: 1 enabled 0
  |
  + [DISABLED] <- nid=2 [audio output]

    nid: 25
    Name: pin: Microphone (CD)
Widget cap: 0x0040008b
    UNSOL STEREO
Association: 3 (0x00004000)
    OSS: monitor (monitor)
  Pin cap: 0x00003724
    PDC IN VREF[ 50 80 100 GROUND HIZ ]
  Pin config: 0x99a3094e
  Pin control: 0x00000025 IN VREFs
  Input amp: 0x004f0200
           mute=0 step=2 size=79 offset=0

```

```

Input val:

    nid: 26 [DISABLED]
    Name: pin: Speaker (None)
Widget cap: 0x0040018f
    UNSOL STEREO
    Pin cap: 0x00003734
    PDC OUT IN VREF[ 50 80 100 GROUND HIZ ]
Pin config: 0x411111f0
Pin control: 0x00000000
Output amp: 0x80000000
    mute=1 step=0 size=0 offset=0
Output val: [0x80 0x80]
Input amp: 0x004f0200
    mute=0 step=2 size=79 offset=0
Input val: [0x00 0x00]
connections: 1 enabled 1
    |
    + <- nid=2 [audio output]

    nid: 27 [DISABLED]
    Name: vendor widget
Widget cap: 0x00f00000

    nid: 28 [DISABLED]
    Name: pin: Speaker (None)
Widget cap: 0x00400001
    STEREO
    Pin cap: 0x00000020
    IN
Pin config: 0x411111f0
Pin control: 0x00000000

    nid: 29
    Name: beep widget
Widget cap: 0x00700000
Association: -2 (0x00000000)
    OSS: speaker (speaker)

    nid: 30
    Name: pin: SPDIF-out (CD)
Widget cap: 0x00400380
    DIGITAL UNSOL
Association: 2 (0x00000001)
    Pin cap: 0x00000010
    OUT
Pin config: 0x99430130
Pin control: 0x00000040 OUT
connections: 1 enabled 1
    |
    + <- nid=6 [audio output]

    nid: 31 [DISABLED]
    Name: vendor widget
Widget cap: 0x00f00000

    nid: 32 [DISABLED]
    Name: vendor widget

```

Widget cap: 0x00f00040
PROC

nid: 33 [DISABLED]
Name: vendor widget
Widget cap: 0x00f00000

nid: 34 [DISABLED]
Name: vendor widget
Widget cap: 0x00f00000

nid: 35 [DISABLED]
Name: audio selector
Widget cap: 0x0030010d
STEREO
Output amp: 0x80051f0b
mute=1 step=31 size=5 offset=11
Output val: [0x01 0x01]
connections: 7 enabled 4

|
+ <- nid=24 [pin: Microphone (Black Rear)] (selected)
+ <- nid=25 [pin: Microphone (CD)]
+ [DISABLED] <- nid=26 [pin: Speaker (None)] [DISABLED]
+ [DISABLED] <- nid=28 [pin: Speaker (None)] [DISABLED]
+ <- nid=20 [pin: Speaker (CD)]
+ <- nid=21 [pin: Headphones (Black Rear)]
+ [DISABLED] <- nid=18 [pin: Speaker (None)] [DISABLED]

nid: 36
Name: audio selector
Widget cap: 0x0030010d
STEREO
Association: 3 (0x00004001)
OSS: mic, monitor
Output amp: 0x80051f0b
mute=1 step=31 size=5 offset=11
Output val: [0x17 0x17]
connections: 7 enabled 2

|
+ <- nid=24 [pin: Microphone (Black Rear)] (selected)
+ <- nid=25 [pin: Microphone (CD)]
+ [DISABLED] <- nid=26 [pin: Speaker (None)] [DISABLED]
+ [DISABLED] <- nid=28 [pin: Speaker (None)] [DISABLED]
+ [DISABLED] <- nid=20 [pin: Speaker (CD)]
+ [DISABLED] <- nid=21 [pin: Headphones (Black Rear)]
+ [DISABLED] <- nid=19 [pin: Speaker (None)] [DISABLED]

Probing codec #1...

HDA Codec #1: Unknown Codec

HDA Codec ID: 0x10573055

Vendor: 0x1057

Device: 0x3055

Revision: 0x07

Stepping: 0x00

PCI Subvendor: 0x30cc103c

startNode=1 endNode=2

Found modem FG nid=1 startNode=2 endNode=38 total=36