```
  Model name      Description
  ----------      -----------
```

ALC880
======
```
  3stack         3-jack in back and a headphone out
  3stack-digout  3-jack in back, a HP out and a SPDIF out
  5stack         5-jack in back, 2-jack in front
  5stack-digout  5-jack in back, 2-jack in front, a SPDIF out
  6stack         6-jack in back, 2-jack in front
  6stack-digout  6-jack with a SPDIF out
  w810           3-jack
  z71v           3-jack (HP shared SPDIF)
  asus           3-jack (ASUS Mobo)
  asus-w1v       ASUS W1V
  asus-dig       ASUS with SPDIF out
  asus-dig2      ASUS with SPDIF out (using GPIO2)
  uniwill        3-jack
  fujitsu        Fujitsu Laptops (Pi1536)
  F1734          2-jack
  lg             LG laptop (m1 express dual)
  lg-lw          LG LW20/LW25 laptop
  tcl            TCL S700
  clevo          Clevo laptops (m520G, m665n)
  medion         Medion Rim 2150
  test           for testing/debugging purpose, almost all controls can be
                 adjusted.  Appearing only when compiled with
                 $CONFIG_SND_DEBUG=y
  auto           auto-config reading BIOS (default)
```

ALC260
======
```
  hp             HP machines
  hp-3013        HP machines (3013-variant)
  hp-dc7600      HP DC7600
  fujitsu        Fujitsu S7020
  acer           Acer TravelMate
  will           Will laptops (PB V7900)
  replacer       Replacer 672V
  favorit100     Maxdata Favorit 100XS
  basic          fixed pin assignment (old default model)
  test           for testing/debugging purpose, almost all controls can
                 adjusted.  Appearing only when compiled with
                 $CONFIG_SND_DEBUG=y
  auto           auto-config reading BIOS (default)
```

ALC262
======
```
  fujitsu        Fujitsu Laptop
  hp-bpc         HP xw4400/6400/8400/9400 laptops
  hp-bpc-d7000   HP BPC D7000
  hp-tc-t5735    HP Thin Client T5735
  hp-rp5700      HP RP5700
  benq           Benq ED8
  benq-t31       Benq T31
  hippo          Hippo (ATI) with jack detection, Sony UX-90s
  hippo_1        Hippo (Benq) with jack detection
```

```
  sony-assamd   Sony ASSAMD
  toshiba-s06   Toshiba S06
  toshiba-rx1   Toshiba RX1
  tyan          Tyan Thunder n6650W (S2915-E)
  ultra         Samsung Q1 Ultra Vista model
  lenovo-3000   Lenovo 3000 y410
  nec           NEC Versa S9100
  basic         fixed pin assignment w/o SPDIF
  auto          auto-config reading BIOS (default)
```

ALC267/268
==========
```
  quanta-il1    Quanta IL1 mini-notebook
  3stack        3-stack model
  toshiba       Toshiba A205
  acer          Acer laptops
  acer-dmic     Acer laptops with digital-mic
  acer-aspire   Acer Aspire One
  dell          Dell OEM laptops (Vostro 1200)
  zepto         Zepto laptops
  test          for testing/debugging purpose, almost all controls can
                adjusted.  Appearing only when compiled with
                $CONFIG_SND_DEBUG=y
  auto          auto-config reading BIOS (default)
```

ALC269
======
```
  basic         Basic preset
  quanta        Quanta FL1
  eeepc-p703    ASUS Eeepc P703 P900A
  eeepc-p901    ASUS Eeepc P901 S101
  fujitsu       FSC Amilo
  lifebook      Fujitsu Lifebook S6420
  auto          auto-config reading BIOS (default)
```

ALC662/663/272
==============
```
  3stack-dig    3-stack (2-channel) with SPDIF
  3stack-6ch     3-stack (6-channel)
  3stack-6ch-dig 3-stack (6-channel) with SPDIF
  6stack-dig     6-stack with SPDIF
  lenovo-101e    Lenovo laptop
  eeepc-p701    ASUS Eeepc P701
  eeepc-ep20    ASUS Eeepc EP20
  ecs           ECS/Foxconn mobo
  m51va         ASUS M51VA
  g71v          ASUS G71V
  h13           ASUS H13
  g50v          ASUS G50V
  asus-mode1    ASUS
  asus-mode2    ASUS
  asus-mode3    ASUS
  asus-mode4    ASUS
  asus-mode5    ASUS
  asus-mode6    ASUS
  dell          Dell with ALC272
```

```
dell-zm1        Dell ZM1 with ALC272
samsung-nc10    Samsung NC10 mini notebook
auto            auto-config reading BIOS (default)
```

ALC882/883/885/888/889
=======================

```
3stack-dig      3-jack with SPDIF I/O
6stack-dig      6-jack digital with SPDIF I/O
arima           Arima W820Di1
targa           Targa T8, MSI-1049 T8
asus-a7j        ASUS A7J
asus-a7m        ASUS A7M
macpro          MacPro support
mb5             Macbook 5,1
macmini3        Macmini 3,1
mba21           Macbook Air 2,1
mbp3            Macbook Pro rev3
imac24          iMac 24'' with jack detection
imac91          iMac 9,1
w2jc            ASUS W2JC
3stack-2ch-dig      3-jack with SPDIF I/O (ALC883)
alc883-6stack-dig   6-jack digital with SPDIF I/O (ALC883)
3stack-6ch      3-jack 6-channel
3stack-6ch-dig 3-jack 6-channel with SPDIF I/O
6stack-dig-demo  6-jack digital for Intel demo board
acer            Acer laptops (Travelmate 3012WTMi, Aspire 5600, etc)
acer-aspire     Acer Aspire 9810
acer-aspire-4930g Acer Aspire 4930G
acer-aspire-6530g Acer Aspire 6530G
acer-aspire-7730g Acer Aspire 7730G
acer-aspire-8930g Acer Aspire 8930G
medion          Medion Laptops
medion-md2      Medion MD2
targa-dig       Targa/MSI
targa-2ch-dig Targa/MSI with 2-channel
targa-8ch-dig Targa/MSI with 8-channel (MSI GX620)
laptop-eapd     3-jack with SPDIF I/O and EAPD (Clevo M540JE, M550JE)
lenovo-101e     Lenovo 101E
lenovo-nb0763 Lenovo NB0763
lenovo-ms7195-dig Lenovo MS7195
lenovo-sky      Lenovo Sky
haier-w66       Haier W66
3stack-hp       HP machines with 3stack (Lucknow, Samba boards)
6stack-dell     Dell machines with 6stack (Inspiron 530)
mitac           Mitac 8252D
clevo-m540r     Clevo M540R (6ch + digital)
clevo-m720      Clevo M720 laptop series
fujitsu-pi2515 Fujitsu AMILO Pi2515
fujitsu-xa3530 Fujitsu AMILO XA3530
3stack-6ch-intel Intel DG33* boards
intel-alc889a Intel IbexPeak with ALC889A
intel-x58       Intel DX58 with ALC889
asus-p5q        ASUS P5Q-EM boards
mb31            MacBook 3,1
sony-vaio-tt    Sony VAIO TT
auto            auto-config reading BIOS (default)
```

```
ALC861/660
==========
  3stack         3-jack
  3stack-dig     3-jack with SPDIF I/O
  6stack-dig     6-jack with SPDIF I/O
  3stack-660     3-jack (for ALC660)
  uniwill-m31    Uniwill M31 laptop
  toshiba        Toshiba laptop support
  asus           Asus laptop support
  asus-laptop    ASUS F2/F3 laptops
  auto           auto-config reading BIOS (default)

ALC861VD/660VD
==============
  3stack         3-jack
  3stack-dig     3-jack with SPDIF OUT
  6stack-dig     6-jack with SPDIF OUT
  3stack-660     3-jack (for ALC660VD)
  3stack-660-digout 3-jack with SPDIF OUT (for ALC660VD)
  lenovo         Lenovo 3000 C200
  dallas         Dallas laptops
  hp             HP TX1000
  asus-v1s       ASUS V1Sn
  auto           auto-config reading BIOS (default)

CMI9880
=======
  minimal        3-jack in back
  min_fp         3-jack in back, 2-jack in front
  full           6-jack in back, 2-jack in front
  full_dig       6-jack in back, 2-jack in front, SPDIF I/O
  allout         5-jack in back, 2-jack in front, SPDIF out
  auto           auto-config reading BIOS (default)

AD1882 / AD1882A
================
  3stack         3-stack mode (default)
  6stack         6-stack mode

AD1884A / AD1883 / AD1984A / AD1984B
====================================
  desktop        3-stack desktop (default)
  laptop         laptop with HP jack sensing
  mobile         mobile devices with HP jack sensing
  thinkpad       Lenovo Thinkpad X300
  touchsmart     HP Touchsmart

AD1884
======
  N/A

AD1981
======
  basic          3-jack (default)
  hp             HP nx6320
```

```
  thinkpad          Lenovo Thinkpad T60/X60/Z60
  toshiba           Toshiba U205
```

AD1983
======
```
  N/A
```

AD1984
======
```
  basic             default configuration
  thinkpad          Lenovo Thinkpad T61/X61
  dell_desktop  Dell T3400
```

AD1986A
=======
```
  6stack            6-jack, separate surrounds (default)
  3stack            3-stack, shared surrounds
  laptop            2-channel only (FSC V2060, Samsung M50)
  laptop-eapd   2-channel with EAPD (ASUS A6J)
  laptop-automute 2-channel with EAPD and HP-automute (Lenovo N100)
  ultra             2-channel with EAPD (Samsung Ultra tablet PC)
  samsung           2-channel with EAPD (Samsung R65)
  samsung-p50   2-channel with HP-automute (Samsung P50)
```

AD1988/AD1988B/AD1989A/AD1989B
==============================
```
  6stack            6-jack
  6stack-dig    ditto with SPDIF
  3stack            3-jack
  3stack-dig    ditto with SPDIF
  laptop            3-jack with hp-jack automute
  laptop-dig    ditto with SPDIF
  auto              auto-config reading BIOS (default)
```

Conexant 5045
=============
```
  laptop-hpsense    Laptop with HP sense (old model laptop)
  laptop-micsense   Laptop with Mic sense (old model fujitsu)
  laptop-hpmicsense Laptop with HP and Mic senses
  benq              Benq R55E
  laptop-hp530  HP 530 laptop
  test              for testing/debugging purpose, almost all controls
                    can be adjusted.  Appearing only when compiled with
                    $CONFIG_SND_DEBUG=y
```

Conexant 5047
=============
```
  laptop            Basic Laptop config
  laptop-hp     Laptop config for some HP models (subdevice 30A5)
  laptop-eapd   Laptop config with EAPD support
  test              for testing/debugging purpose, almost all controls
                    can be adjusted.  Appearing only when compiled with
                    $CONFIG_SND_DEBUG=y
```

Conexant 5051
=============

```
  laptop          Basic Laptop config (default)
  hp              HP Spartan laptop
  hp-dv6736       HP dv6736
  hp-f700         HP Compaq Presario F700
  lenovo-x200     Lenovo X200 laptop
  toshiba         Toshiba Satellite M300
```

Conexant 5066
=============
```
  laptop          Basic Laptop config (default)
  hp-laptop       HP laptops, e g G60
  dell-laptop     Dell laptops
  olpc-xo-1_5     OLPC XO 1.5
  ideapad         Lenovo IdeaPad U150
```

STAC9200
========
```
  ref             Reference board
  oqo             OQO Model 2
  dell-d21        Dell (unknown)
  dell-d22        Dell (unknown)
  dell-d23        Dell (unknown)
  dell-m21        Dell Inspiron 630m, Dell Inspiron 640m
  dell-m22        Dell Latitude D620, Dell Latitude D820
  dell-m23        Dell XPS M1710, Dell Precision M90
  dell-m24        Dell Latitude 120L
  dell-m25        Dell Inspiron E1505n
  dell-m26        Dell Inspiron 1501
  dell-m27        Dell Inspiron E1705/9400
  gateway-m4      Gateway laptops with EAPD control
  gateway-m4-2    Gateway laptops with EAPD control
  panasonic       Panasonic CF-74
  auto            BIOS setup (default)
```

STAC9205/9254
=============
```
  ref             Reference board
  dell-m42        Dell (unknown)
  dell-m43        Dell Precision
  dell-m44        Dell Inspiron
  eapd            Keep EAPD on (e.g. Gateway T1616)
  auto            BIOS setup (default)
```

STAC9220/9221
=============
```
  ref             Reference board
  3stack          D945 3stack
  5stack          D945 5stack + SPDIF
  intel-mac-v1    Intel Mac Type 1
  intel-mac-v2    Intel Mac Type 2
  intel-mac-v3    Intel Mac Type 3
  intel-mac-v4    Intel Mac Type 4
  intel-mac-v5    Intel Mac Type 5
  intel-mac-auto Intel Mac (detect type according to subsystem id)
  macmini         Intel Mac Mini (equivalent with type 3)
  macbook         Intel Mac Book (eq. type 5)
```

```
 macbook-pro-v1 Intel Mac Book Pro 1st generation (eq. type 3)
 macbook-pro    Intel Mac Book Pro 2nd generation (eq. type 3)
 imac-intel     Intel iMac (eq. type 2)
 imac-intel-20  Intel iMac (newer version) (eq. type 3)
 ecs202         ECS/PC chips
 dell-d81       Dell (unknown)
 dell-d82       Dell (unknown)
 dell-m81       Dell (unknown)
 dell-m82       Dell XPS M1210
 auto           BIOS setup (default)

STAC9202/9250/9251
==================
 ref            Reference board, base config
 m1             Some Gateway MX series laptops (NX560XL)
 m1-2           Some Gateway MX series laptops (MX6453)
 m2             Some Gateway MX series laptops (M255)
 m2-2           Some Gateway MX series laptops
 m3             Some Gateway MX series laptops
 m5             Some Gateway MX series laptops (MP6954)
 m6             Some Gateway NX series laptops
 auto           BIOS setup (default)

STAC9227/9228/9229/927x
=======================
 ref            Reference board
 ref-no-jd      Reference board without HP/Mic jack detection
 3stack         D965 3stack
 5stack         D965 5stack + SPDIF
 5stack-no-fp   D965 5stack without front panel
 dell-3stack    Dell Dimension E520
 dell-bios      Fixes with Dell BIOS setup
 volknob        Fixes with volume-knob widget 0x24
 auto           BIOS setup (default)

STAC92HD71B*
============
 ref            Reference board
 dell-m4-1      Dell desktops
 dell-m4-2      Dell desktops
 dell-m4-3      Dell desktops
 hp-m4          HP mini 1000
 hp-dv5         HP dv series
 hp-hdx         HP HDX series
 hp-dv4-1222nr  HP dv4-1222nr (with LED support)
 auto           BIOS setup (default)

STAC92HD73*
===========
 ref            Reference board
 no-jd          BIOS setup but without jack-detection
 intel          Intel DG45* mobos
 dell-m6-amic   Dell desktops/laptops with analog mics
 dell-m6-dmic   Dell desktops/laptops with digital mics
 dell-m6        Dell desktops/laptops with both type of mics
 dell-eq        Dell desktops/laptops
```

```
  alienware      Alienware M17x
  auto           BIOS setup (default)

STAC92HD83*
===========
  ref            Reference board
  mic-ref        Reference board with power management for ports
  dell-s14       Dell laptop
  hp             HP laptops with (inverted) mute-LED
  auto           BIOS setup (default)

STAC9872
========
  vaio           VAIO laptop without SPDIF
  auto           BIOS setup (default)

Cirrus Logic CS4206/4207
========================
  mbp55          MacBook Pro 5,5
  imac27         IMac 27 Inch
  auto           BIOS setup (default)
```