

## Hardware supported by the linuxtv.org DVB drivers

Generally, the DVB hardware manufacturers frequently change the frontends (i.e. tuner / demodulator units) used, usually without changing the product name, revision number or specs. Some cards are also available in versions with different frontends for DVB-S/DVB-C/DVB-T. Thus the frontend drivers are listed separately.

Note 1: There is no guarantee that every frontend driver works out of the box with every card, because of different wiring.

Note 2: The demodulator chips can be used with a variety of tuner/PLL chips, and not all combinations are supported. Often the demodulator and tuner/PLL chip are inside a metal box for shielding, and the whole metal box has its own part number.

## o Frontends drivers:

- dvb\_dummy\_fe: for testing...

## DVB-S:

- ves1x93 : Alps BSRV2 (ves1893 demodulator) and dbx2 (ves1993)  
- cx24110 : Conexant HM1221/HM1811 (cx24110 or cx24106 demod,

cx24108 PLL)

- grundig\_29504-491 : Grundig 29504-491 (Philips TDA8083 demodulator),

tsa5522 PLL

- mt312 : Zarlink mt312 or Mitel vp310 demodulator, sl1935 or

tsa5059 PLLi, Technisat Sky2Pc with bios Rev. 2.3

- stv0299 : Alps BSRU6 (tsa5059 PLL), LG TDQB-S00x (tsa5059 PLL),  
LG TDQF-S001F (sl1935 PLL), Philips SU1278 (tsa6100

PLL),

Philips SU1278SH (tsa5059 PLL), Samsung TBMU24112IMB,

Technisat Sky2Pc with bios Rev. 2.6

## DVB-C:

- ves1820 : various (ves1820 demodulator, sp5659c or spXXXX PLL)  
- at76c651 : Atmel AT76c651(B) with DAT7021 PLL

## DVB-T:

- alps\_tdlb7 : Alps TDLB7 (sp8870 demodulator, sp5659 PLL)

- alps\_tdm7 : Alps TDM7 (cx22700 demodulator)

- grundig\_29504-401 : Grundig 29504-401 (LSI L64781 demodulator), tsa5060

PLL

- tda1004x : Philips tda10045h (td1344 or tdm13161 PLL)

- nxt6000 : Alps TDME7 (MITEL SP5659 PLL), Alps TDED4 (TI ALP510

PLL),

Comtech DVBT-6k07 (SP5730 PLL)

(NxtWave Communications NXT6000 demodulator)

- sp887x : Microtune 7202D

- dib3000mb : DiBcom 3000-MB demodulator

## DVB-S/C/T:

- dst : TwinHan DST Frontend

## ATSC:

- nxt200x : Nxtwave NXT2002 & NXT2004

- or51211 : or51211 based (pcHDTV HD2000 card)

- or51132 : or51132 based (pcHDTV HD3000 card)

- bcm3510 : Broadcom BCM3510

- lgdt330x : LG Electronics DT3302 & DT3303

- o Cards based on the Phillips saa7146 multimedia PCI bridge chip:
  - TI AV7110 based cards (i.e. with hardware MPEG decoder):
    - Siemens/Technotrend/Hauppauge PCI DVB card revision 1.1, 1.3, 1.5, 1.6,
- 2.1
  - (aka Hauppauge Nexus)
  - "budget" cards (i.e. without hardware MPEG decoder):
    - Technotrend Budget / Hauppauge WinTV-Nova PCI Cards
    - SATELCO Multimedia PCI
    - KNC1 DVB-S, Typhoon DVB-S, Terratec Cinergy 1200 DVB-S (no CI support)
    - Typhoon DVB-S budget
    - Fujitsu-Siemens Activy DVB-S budget card
- o Cards based on the B2C2 Inc. FlexCopII/IIb/III:
  - Technisat SkyStar2 PCI DVB card revision 2.3, 2.6B, 2.6C
- o Cards based on the Conexant Bt8xx PCI bridge:
  - Pinnacle PCTV Sat DVB
  - Nebula Electronics DigiTV
  - TwinHan DST
  - Avermedia DVB-T
  - ChainTech digitop DST-1000 DVB-S
  - pcHDTV HD-2000 TV
  - DViCO FusionHDTV DVB-T Lite
  - DViCO FusionHDTV5 Lite
- o Technotrend / Hauppauge DVB USB devices:
  - Nova USB
  - DEC 2000-T, 3000-S, 2540-T
- o DiBcom DVB-T USB based devices:
  - Twinhan VisionPlus VisionDTV USB-Ter DVB-T Device
  - HAMA DVB-T USB device
  - CTS Portable (Chinese Television System)
  - KWorld V-Stream XPERT DTV DVB-T USB
  - JetWay DTV DVB-T USB
  - ADSTech Instant TV DVB-T USB
  - Ultima Electronic/Artec T1 USB TVBOX (AN2135 and AN2235)
  - Compro Videomate DVB-U2000 - DVB-T USB
  - Grandtec USB DVB-T
  - Avermedia AverTV DVBT USB
  - DiBcom USB DVB-T reference device (non-public)
  - Yakumo DVB-T mobile USB2.0
  - DiBcom USB2.0 DVB-T reference device (non-public)
- o Experimental support for the analog module of the Siemens DVB-C PCI card
- o Cards based on the Conexant cx2388x PCI bridge:
  - ADS Tech Instant TV DVB-T PCI
  - ATI HDTV Wonder
  - digitalnow DNTV Live! DVB-T
  - DViCO FusionHDTV DVB-T1
  - DViCO FusionHDTV DVB-T Plus
  - DViCO FusionHDTV3 Gold-Q
  - DViCO FusionHDTV3 Gold-T

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- DViCO FusionHDTV5 Gold
- Hauppauge Nova-T DVB-T
- KWorld/VStream XPert DVB-T
- pcHDTV HD3000 HDTV
- TerraTec Cinergy 1400 DVB-T
- WinFast DTV1000-T

o Cards based on the Phillips saa7134 PCI bridge:

- Medion 7134
- Pinnacle PCTV 300i DVB-T + PAL
- LifeView FlyDVB-T DUO
- Typhoon DVB-T Duo Digital/Analog Cardbus
- Philips TOUGH DVB-T reference design
- Philips EUROPA V3 reference design
- Compro Videomate DVB-T300
- Compro Videomate DVB-T200
- AVerMedia AVerTVHD MCE A180