

Frontend drivers

Note

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

Common Interface (EN50221) controller drivers

Driver	Name
cx2099	Sony CXD2099AR Common Interface driver
sp2	CIMaX SP2

ATSC (North American/Korean Terrestrial/Cable DTV) frontends

Driver	Name
au8522_dig	Auvitek AU8522 based DTV demod
au8522_decoder	Auvitek AU8522 based ATV demod
bcm3510	Broadcom BCM3510
lg2160	LG Electronics LG216x based
lgt3305	LG Electronics LGDT3304 and LGDT3305 based
lgt3306a	LG Electronics LGDT3306A based
lgt330x	LG Electronics LGDT3302/LGDT3303 based
nxt200x	NxtWave Communications NXT2002/NXT2004 based
or51132	Oren OR51132 based
or51211	Oren OR51211 based
s5h1409	Samsung S5H1409 based
s5h1411	Samsung S5H1411 based

DVB-C (cable) frontends

Driver	Name
stv0297	ST STV0297 based
tda10021	Philips TDA10021 based
tda10023	Philips TDA10023 based
ves1820	VLSI VES1820 based

DVB-S (satellite) frontends

Driver	Name
cx24110	Conexant CX24110 based
cx24116	Conexant CX24116 based
cx24117	Conexant CX24117 based
cx24120	Conexant CX24120 based
cx24123	Conexant CX24123 based
ds3000	Montage Technology DS3000 based
mb86a16	Fujitsu MB86A16 based
mt312	Zarlink VP310/MT312/ZL10313 based
s5h1420	Samsung S5H1420 based
si21xx	Silicon Labs SI21XX based
stb6000	ST STB6000 silicon tuner
stv0288	ST STV0288 based
stv0299	ST STV0299 based
stv0900	ST STV0900 based
stv6110	ST STV6110 silicon tuner

Driver	Name
tda10071	NXP TDA10071
tda10086	Philips TDA10086 based
tda8083	Philips TDA8083 based
tda8261	Philips TDA8261 based
tda826x	Philips TDA826X silicon tuner
ts2020	Montage Technology TS2020 based tuners
tua6100	Infineon TUA6100 PLL
cx24113	Conexant CX24113/CX24128 tuner for DVB-S/DSS
itd1000	Integrant ITD1000 Zero IF tuner for DVB-S/DSS
ves1x93	VLSI VES1893 or VES1993 based
zl10036	Zarlink ZL10036 silicon tuner
zl10039	Zarlink ZL10039 silicon tuner

DVB-T (terrestrial) frontends

Driver	Name
af9013	Afatech AF9013 demodulator
cx22700	Conexant CX22700 based
cx22702	Conexant cx22702 demodulator (OFDM)
cxd2820r	Sony CXD2820R
cxd2841er	Sony CXD2841ER
cxd2880	Sony CXD2880 DVB-T2/T tuner + demodulator
dib3000mb	DiBcom 3000M-B
dib3000mc	DiBcom 3000P/M-C
dib7000m	DiBcom 7000MA/MB/PA/PB/MC
dib7000p	DiBcom 7000PC
dib9000	DiBcom 9000
drxd	Micronas DRXD driver
ec100	E3C EC100
l64781	LSI L64781
mt352	Zarlink MT352 based
nxt6000	NxtWave Communications NXT6000 based
rtl2830	Realtek RTL2830 DVB-T
rtl2832	Realtek RTL2832 DVB-T
rtl2832_sdr	Realtek RTL2832 SDR
s5h1432	Samsung s5h1432 demodulator (OFDM)
si2168	Silicon Labs Si2168
sp8870	Spase sp8870 based
sp887x	Spase sp887x based
stv0367	ST STV0367 based
tda10048	Philips TDA10048HN based
tda1004x	Philips TDA10045H/TDA10046H based
zd1301_demod	ZyDAS ZD1301
zl10353	Zarlink ZL10353 based

Digital terrestrial only tuners/PLL

Driver	Name
dvb-pll	Generic I2C PLL based tuners
dib0070	DiBcom DiB0070 silicon base-band tuner
dib0090	DiBcom DiB0090 silicon base-band tuner

ISDB-S (satellite) & ISDB-T (terrestrial) frontends

Driver	Name
mn88443x	Socionext MN88443x
tc90522	Toshiba TC90522

ISDB-T (terrestrial) frontends

Driver	Name
dib8000	DiBcom 8000MB/MC
mb86a20s	Fujitsu mb86a20s
s921	Sharp S921 frontend

Multistandard (cable + terrestrial) frontends

Driver	Name
drxk	Micronas DRXK based
mn88472	Panasonic MN88472
mn88473	Panasonic MN88473
si2165	Silicon Labs si2165 based
tda18271c2dd	NXP TDA18271C2 silicon tuner

Multistandard (satellite) frontends

Driver	Name
m88ds3103	Montage Technology M88DS3103
mxl5xx	MaxLinear MxL5xx based tuner-demodulators
stb0899	STB0899 based
stb6100	STB6100 based tuners
stv090x	STV0900/STV0903(A/B) based
stv0910	STV0910 based
stv6110x	STV6110/(A) based tuners
stv6111	STV6111 based tuners

SEC control devices for DVB-S

Driver	Name
a8293	Allegro A8293
af9033	Afatech AF9033 DVB-T demodulator
ascot2e	Sony Ascot2E tuner
atbm8830	AltoBeam ATBM8830/8831 DMB-TH demodulator
drx39xyj	Micronas DRX-J demodulator
helene	Sony HELENE Sat/Ter tuner (CXD2858ER)
horus3a	Sony Horus3A tuner
isl6405	ISL6405 SEC controller
isl6421	ISL6421 SEC controller
isl6423	ISL6423 SEC controller
ix2505v	Sharp IX2505V silicon tuner
lgs8gl5	Silicon Legend LGS-8GL5 demodulator (OFDM)
lgs8gxx	Legend Silicon LGS8913/LGS8GL5/LGS8GXX DMB-TH demodulator
lnbh25	LNBH25 SEC controller
lnbh29	LNBH29 SEC controller
lnbp21	LNBP21/LNBH24 SEC controllers
lnbp22	LNBP22 SEC controllers
m88rs2000	M88RS2000 DVB-S demodulator and tuner
tda665x	TDA665x tuner

Tools to develop new frontends

Driver	Name
dvb_dummy_fe	Dummy frontend driver