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This package was debianized by Philip Hands <[phil@hands.com](mailto:phil@hands.com)> on 31 Oct 1999 (with help from Dan Brosemer <[odin@linuxfreak.com](mailto:odin@linuxfreak.com)>)

It was downloaded from here:

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Version 2, June 1991

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-----

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File: atmsar11.fw

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Driver: snd-korg1212 -- Korg 1212 IO audio device

File: korg/k1212.dsp

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Driver: snd-maestro3 -- ESS Allegro Maestro3 audio device

File: ess/maestro3\_assp\_kernel.fw

File: ess/maestro3\_assp\_minisrc.fw

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Driver: snd-ymfpci -- Yamaha YMF724/740/744/754 audio devices

File: yamaha/ds1\_ctrl.fw

File: yamaha/ds1\_dsp.fw

File: yamaha/ds1e\_ctrl.fw

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Driver: advansys - AdvanSys SCSI

File: advansys/mcode.bin

File: advansys/3550.bin

File: advansys/38C0800.bin

File: advansys/38C1600.bin

Licence: BSD, no source available.

Found in hex form in kernel source.

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Driver: qla1280 - Qlogic QLA 1240/1x80/1x160 SCSI support

File: qllogic/1040.bin

File: qllogic/1280.bin

File: qllogic/12160.bin

Licence: Redistributable. See LICENCE.qla1280 for details

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Driver: smctr -- SMC ISA/MCA Token Ring adapter

File: tr\_smctr.bin

Version: 6.3C1

Info: MCT.BIN v6.3C1 03/01/95

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Driver: kaweth -- USB KLSI KL5USB101-based Ethernet device

File: kaweth/new\_code.bin

File: kaweth/new\_code\_fix.bin

File: kaweth/trigger\_code.bin

File: kaweth/trigger\_code\_fix.bin

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Found in hex form in the kernel source.

-----

Driver: dvb-ttusb-budget -- Technotrend/Hauppauge Nova-USB devices

File: ttusb-budget/dspbootcode.bin

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-----  
Driver: keyspan -- USB Keyspan USA-xxx serial device

File: keyspan/mpr.fw  
File: keyspan/usa18x.fw  
File: keyspan/usa19.fw  
File: keyspan/usa19qi.fw  
File: keyspan/usa19qw.fw  
File: keyspan/usa19w.fw  
File: keyspan/usa28.fw  
File: keyspan/usa28xa.fw  
File: keyspan/usa28xb.fw  
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Driver: keyspan\_pda -- USB Keyspan PDA single-port serial device

File: keyspan\_pda/keyspan\_pda.fw  
Source: keyspan\_pda/keyspan\_pda.S

File: keyspan\_pda/xircom\_pgs.fw  
Source: keyspan\_pda/xircom\_pgs.S

Source: keyspan\_pda/Makefile

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-----  
Driver: emi26 -- EMI 216 USB Audio interface

File: emi26/bitstream.fw  
Version: 1.1.1.131  
Info: DATE=2001dec06

File: emi26/firmware.fw  
Version: 1.0.2.916  
Info: DATE=12.02.2002

File: emi26/loader.fw

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-----  
Driver: emi62 -- EMI 612m USB Audio interface

File: emi62/bitstream.fw  
Version: 1.0.0.191  
Info: DATE= 2002oct28

File: emi62/loader.fw  
Version: 1.0.2.002  
Info: DATE=10.01.2002

File: emi62/midi.fw  
Version: 1.04.062  
Info: DATE=16.10.2002

File: emi62/spdif.fw  
Version: 1.04.062  
Info: DATE=16.10.2002

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Original licence information: None

-----  
Driver: ti\_usb\_3410\_5052 -- USB TI 3410/5052 serial device

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File: ti\_3410.fw

Info: firmware 9/10/04 FW3410\_Special\_StartWdogOnStartPort

File: ti\_5052.fw

Info: firmware 9/18/04

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Driver: ti\_usb\_3410\_5052 -- Multi-Tech USB cell modems

File: mts\_cdma.fw

File: mts\_gsm.fw

File: mts\_edge.fw

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per support@multitech.com  
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Found in hex form in ftp://ftp.multitech.com/wireless/wireless\_linux.zip

-----

Driver: ti\_usb\_3410\_5052 -- Multi-Tech USB fax modems

File: mts\_mt9234mu.fw

File: mts\_mt9234zba.fw

Licence: Unknown

-----

Driver: whiteheat -- USB ConnectTech WhiteHEAT serial device

File: whiteheat.fw

Version: 4.06

## Notice

File: whiteheat\_loader.fw

Licence: Allegedly GPLv2, but no source visible. Marked:  
Copyright (C) 2000-2002 ConnectTech Inc

Debug loader claims the following behaviour:

Port 1 LED flashes when the vend\_ax program is running

Port 2 LED flashes when any SETUP command arrives

Port 3 LED flashes when any valid VENDOR request occurs

Port 4 LED flashes when the EXTERNAL RAM DOWNLOAD request occurs

Converted from Intel HEX files, used in our binary representation of ihex.

-----

Driver: ip2 -- Computone IntelliPort Plus serial device

File: intelliport2.bin

Licence: Unknown

Found in hex form in kernel source.

-----

Driver: cpia2 -- cameras based on Vision's CPiA2

File: cpia2/stv0672\_vp4.bin

Licence: Allegedly GPLv2+, but no source visible. Marked:  
Copyright (C) 2001 STMicroelectronics, Inc.

Contact: steve.miller@st.com

Description: This file contains patch data for the CPiA2 (stv0672) VP4.

Found in hex form in kernel source.

-----

Driver: dabusb -- Digital Audio Broadcasting (DAB) Receiver for USB and Linux

## Notice

File: dabusb/firmware.fw  
File: dabusb/bitstream.bin

Licence: Distributable

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\* Redistribution and use in source and binary forms, with or without  
\* modification, are permitted provided that redistributions of source  
\* code retain the above copyright notice and this comment without  
\* modification.

-----  
Driver: vicam -- USB 3com HomeConnect (aka vicam)

File: vicam/firmware.fw

Licence: Unknown

Found in hex form in kernel source.

-----  
Driver: io\_edgeport - USB Inside Out Edgeport Serial Driver

File: edgeport/boot.fw  
File: edgeport/boot2.fw  
File: edgeport/down.fw  
File: edgeport/down2.fw

Licence: Allegedly GPLv2+, but no source visible. Marked:

```
/*  
*****  
/* Edgeport/4 Binary Image  
/* Generated by HEX2C v1.06  
/* Copyright (C) 1998 Inside Out Networks, All rights reserved.  
*****  
*/
```

Found in hex form in kernel source.



## Notice

Driver: io\_ti - USB Inside Out Edgeport Serial Driver  
(TI Devices)

File: edgeport/down3.bin

Licence:

```
/******  
/* Edgeport Binary Image (for TI based products)  
/* Generated by TIBin2C v2.00 (watchport)  
/* Copyright (C) 2001 Inside Out Networks, All rights reserved.  
/******
```

Found in hex form in kernel source.

-----

Driver: dsp56k - Atari DSP56k support

File: dsp56k/bootstrap.bin  
Source: dsp56k/bootstrap.asm  
Source: dsp56k/Makefile  
Source: dsp56k/concat-bootstrap.pl

Licence: GPLv2 or later. See GPL-2 and GPL-3 for details.

DSP56001 assembler, buildable with a56 from  
<http://www.zdomain.com/a56.html>

-----

Driver: snd-sb16-csp - Sound Blaster 16/AWE CSP support

File: sb16/mulaw\_main.csp  
File: sb16/alaw\_main.csp  
File: sb16/ima\_adpcm\_init.csp  
File: sb16/ima\_adpcm\_playback.csp  
File: sb16/ima\_adpcm\_capture.csp

Licence: Allegedly GPLv2+, but no source visible. Marked:  
/\*

## Notice

\* Copyright (c) 1994 Creative Technology Ltd.  
\* Microcode files for SB16 Advanced Signal Processor  
\*/

Found in hex form in kernel source.

---

Driver: qla2xxx - QLogic QLA2XXX Fibre Channel

File: ql2100\_fw.bin  
Version: 1.19.38 TP  
File: ql2200\_fw.bin  
Version: 2.02.08 TP  
File: ql2300\_fw.bin  
Version: 3.03.28 IPX  
File: ql2322\_fw.bin  
Version: 3.03.28 IPX  
File: ql2400\_fw.bin  
Version: 8.03.00 MID  
File: ql2500\_fw.bin  
Version: 8.03.00 MIDQ

Licence: Redistributable. See LICENCE.qla2xxx for details

Available from <http://ldriver.qlogic.com/firmware/>

---

Driver: orinoco - Agere/Prism/Symbol Orinoco support

File: agere\_sta\_fw.bin  
Version: 9.48 Hermes I  
File: agere\_ap\_fw.bin  
Version: 9.48 Hermes I

Licence: Redistributable. See LICENCE.agere for details

---

Driver: ar9170 - Atheros 802.11n "otus" USB

## Notice

File: ar9170-1.fw

File: ar9170-2.fw

Licence: Redistributable. See LICENCE.atheros\_firmware for details

---

Driver: ath9k\_htc - Atheros HTC devices (USB)

File: ar9271.fw

File: ar7010.fw

File: ar7010\_1\_1.fw

File: htc\_9271.fw

Version: 1.3.1

File: htc\_7010.fw

Version: 1.3.1

Licence: Redistributable. See LICENCE.atheros\_firmware for details

File: ath9k\_htc/htc\_7010-1.4.0.fw

Version: 1.4.0

File: ath9k\_htc/htc\_9271-1.4.0.fw

Version: 1.4.0

Licence: Free software. See LICENCE.open-ath9k-htc-firmware for details

---

Driver: cassini - Sun Cassini

File: sun/cassini.bin

Licence: Unknown

Found in hex form in kernel source.

---

Driver: slicoss - Alacritech IS-NIC products

## Notice

File: slicoss/gbdownload.sys  
File: slicoss/gbrcvuocode.sys  
File: slicoss/oasisdbgdownload.sys  
File: slicoss/oasisdownload.sys  
File: slicoss/oasisrcvuocode.sys

Licence:

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Found in hex form in kernel source.

-----

Driver: sxg - Alacritech IS-NIC products

File: sxg/saharadownloadB.sys  
File: sxg/saharadbdownloadB.sys

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Found in hex form in kernel source.

-----  
Driver: cxgb3 - Chelsio Terminator 3 1G/10G Ethernet adapter

File: cxgb3/t3b\_psram-1.1.0.bin

File: cxgb3/t3c\_psram-1.1.0.bin

File: cxgb3/t3fw-7.0.0.bin

File: cxgb3/t3fw-7.1.0.bin

File: cxgb3/t3fw-7.4.0.bin

File: cxgb3/t3fw-7.10.0.bin

File: cxgb3/t3fw-7.12.0.bin

Licence: GPLv2 or OpenIB.org BSD license, no source visible

-----  
Driver: cxgb3 - Chelsio Terminator 3 1G/10G Ethernet adapter

File: cxgb3/ael2005\_opt\_edc.bin

File: cxgb3/ael2005\_twx\_edc.bin

File: cxgb3/ael2020\_twx\_edc.bin

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-----  
Driver: cxgb4 - Chelsio Terminator 4/5 1G/10/40G Ethernet adapter

## Notice

File: cxgb4/t4fw-1.14.4.0.bin  
File: cxgb4/t4fw-1.15.37.0.bin  
Link: cxgb4/t4fw.bin -> t4fw-1.15.37.0.bin  
File: cxgb4/t5fw-1.14.4.0.bin  
File: cxgb4/t5fw-1.15.37.0.bin  
Link: cxgb4/t5fw.bin -> t5fw-1.15.37.0.bin  
File: cxgb4/aql202\_fw.cld  
File: cxgb4/bcm8483.bin

Licence: Redistributable. See LICENCE.chelsio\_firmware for details

---

Driver: e100 -- Intel PRO/100 Ethernet NIC

File: e100/d101m\_ucose.bin  
File: e100/d101s\_ucose.bin  
File: e100/d102e\_ucose.bin

Licence: Redistributable. See LICENCE.e100 for details

---

Driver: acenic -- Alteon AceNIC Gigabit Ethernet card

File: acenic/tg1.bin  
File: acenic/tg2.bin

Licence: Unknown

Found in hex form in kernel source, but source allegedly available at  
<http://alteon.shareable.org/>

---

Driver: tg3 -- Broadcom Tigon3 based gigabit Ethernet cards

File: tigon/tg3.bin  
File: tigon/tg3\_tso.bin  
File: tigon/tg3\_tso5.bin  
File: tigon/tg357766.bin

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Found in hex form in kernel source.

-----

Driver: starfire - Adaptec Starfire/DuraLAN support

File: adaptec/starfire\_rx.bin

File: adaptec/starfire\_tx.bin

Licence: Allegedly GPLv2, but no source visible.

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-----

Driver: i2400m-usb - Intel 2400 Wireless WiMAX Connection over USB

File: i2400m-fw-usb-1.4.sbcf

File: i2400m-fw-usb-1.5.sbcf

File: i6050-fw-usb-1.5.sbcf

Licence: Redistributable. See LICENCE.i2400m for details

## Notice

Also available from <http://linuxwimax.org/Download>

---

Driver: libertas - Marvell Libertas fullmac-type 802.11b/g cards

File: libertas/cf8381.bin  
File: libertas/cf8381\_helper.bin  
File: libertas/cf8385.bin  
File: libertas/cf8385\_helper.bin  
File: libertas/gspi8682.bin  
File: libertas/gspi8682\_helper.bin  
File: libertas/gspi8686\_v9.bin  
File: libertas/gspi8686\_v9\_helper.bin  
File: libertas/gspi8688.bin  
File: libertas/gspi8688\_helper.bin  
File: libertas/sd8385.bin  
File: libertas/sd8385\_helper.bin  
File: libertas/sd8682.bin  
File: libertas/sd8682\_helper.bin  
File: libertas/sd8686\_v8.bin  
File: libertas/sd8686\_v8\_helper.bin  
File: libertas/sd8686\_v9.bin  
File: libertas/sd8686\_v9\_helper.bin  
File: libertas/usb8388\_v5.bin  
File: libertas/usb8388\_v9.bin  
File: libertas/usb8682.bin  
File: mrvl/sd8688.bin  
Link: libertas/sd8688.bin -> ../mrvl/sd8688.bin  
File: mrvl/sd8688\_helper.bin  
Link: libertas/sd8688\_helper.bin -> ../mrvl/sd8688\_helper.bin

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---

Driver: libertas - Marvell Libertas 802.11b/g cards, OLPC firmware

File: libertas/lbtf\_sdio.bin



## Notice

Version: 9.0.7.p4

File: lbt\_f\_usb.bin  
Version: 5.132.3.p1

File: libertas/usb8388\_olpc.bin  
Version: 5.110.22.p23

Licence: Redistributable. See LICENCE.OLPC for details.

Available from <http://dev.laptop.org/pub/firmware/libertas/>

-----  
Driver: mw18k - Marvell Libertas softmac-type 802.11b/g/n cards

File: mw18k/fmimage\_8687.fw  
File: mw18k/helper\_8687.fw  
File: mw18k/fmimage\_8366.fw  
File: mw18k/fmimage\_8366\_ap-1.fw  
File: mw18k/fmimage\_8366\_ap-2.fw  
File: mw18k/fmimage\_8366\_ap-3.fw  
Version: 5.2.8.16  
File: mw18k/helper\_8366.fw

File: mw18k/fmimage\_8764\_ap-1.fw  
Version: 7.4.0.9

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-----  
Driver: mwifiex - Marvell Wi-Fi fullmac-type 802.11n/ac cards

File: mrvl/sd8787\_uapsta.bin  
Version: 14.66.35.p52

File: mrvl/usb8766\_uapsta.bin  
Version: 14.68.22.p16

## Notice

File: mrvl/sd8797\_uapsta.bin  
Version: 14.66.11.p151

File: mrvl/usb8797\_uapsta.bin  
Version: 14.68.29.p49

File: mrvl/sd8897\_uapsta.bin  
Version: 15.68.7.p77

File: mrvl/usb8897\_uapsta.bin  
Version: 15.68.4.p103

File: mrvl/pcie8897\_uapsta.bin  
Version: 15.68.7.p77

File: mrvl/sd8887\_uapsta.bin  
Version: 15.68.7.p5

File: mrvl/sd8801\_uapsta.bin  
Version: 14.68.36.p60

File: mrvl/usb8801\_uapsta.bin  
Version: 14.68.36.p60

File: mrvl/pcieuart8997\_combo\_v4.bin  
Version: 16.68.1.p70

File: mrvl/pcieusb8997\_combo\_v4.bin  
Version: 16.68.1.p70

Licence: Redistributable. See LICENCE.Marvell for details. Originates from  
<http://git.marvell.com/?p=mwiflex-firmware.git>

-----

Driver: iwlwifi - Intel Wireless Wifi

File: iwlwifi-3945-2.ucode  
Version: 15.32.2.9

File: iwlwifi-4965-2.ucode  
Version: 228.61.2.24

File: iwlwifi-5000-1.ucode  
Version: 5.4.A.11 (aka 5.4.1.16)

File: iwlwifi-5000-2.ucode  
Version: 8.24.2.12

File: iwlwifi-5000-5.ucode  
Version: 8.83.5.1

File: iwlwifi-5150-2.ucode  
Version: 8.24.2.2

File: iwlwifi-1000-3.ucode  
Version: 128.50.3.1

File: iwlwifi-1000-5.ucode  
Version: 39.31.5.1

File: iwlwifi-6000-4.ucode  
Version: 9.221.4.1

File: iwlwifi-6050-4.ucode  
Version: 9.201.4.1

File: iwlwifi-6050-5.ucode  
Version: 41.28.5.1

File: iwlwifi-6000g2a-5.ucode  
Version: 17.168.5.3

File: iwlwifi-6000g2a-6.ucode  
Version: 18.168.6.1

File: iwlwifi-6000g2b-5.ucode  
Version: 17.168.5.1

File: iwlwifi-6000g2b-6.ucode

Version: 18.168.6.1

File: iwlwifi-135-6.ucode

Version: 18.168.6.1

File: iwlwifi-100-5.ucode

Version: 39.31.5.1

File: iwlwifi-105-6.ucode

Version: 18.168.6.1

File: iwlwifi-2030-6.ucode

Version: 18.168.6.1

File: iwlwifi-2000-6.ucode

Version: 18.168.6.1

File: iwlwifi-7260-7.ucode

Version: 22.1.7.0

File: iwlwifi-7260-8.ucode

Version: 22.24.8.0

File: iwlwifi-7260-9.ucode

Version: 25.228.9.0

File: iwlwifi-7260-10.ucode

Version: 23.15.10.0

File: iwlwifi-7260-12.ucode

Version: 25.17.12.0

File: iwlwifi-7260-13.ucode

Version: 25.30.13.0

File: iwlwifi-7260-16.ucode

Version 16.242414.0

File: iwlwifi-7260-17.ucode

Version 17.352738.0

## Notice

File: iwlwifi-3160-7.ucode  
Version: 22.1.7.0

File: iwlwifi-3160-8.ucode  
Version: 22.24.8.0

File: iwlwifi-3160-9.ucode  
Version: 25.228.9.0

File: iwlwifi-3160-10.ucode  
Version: 23.15.10.0

File: iwlwifi-3160-12.ucode  
Version: 25.17.12.0

File: iwlwifi-3160-13.ucode  
Version: 25.30.13.0

File: iwlwifi-3160-16.ucode  
Version 16.242414.0

File: iwlwifi-3160-17.ucode  
Version 17.352738.0

File: iwlwifi-7265-8.ucode  
Version: 22.24.8.0

File: iwlwifi-7265-9.ucode  
Version: 25.228.9.0

File: iwlwifi-7265-10.ucode  
Version: 23.15.10.0

File: iwlwifi-7265-12.ucode  
Version: 25.17.12.0

File: iwlwifi-7265-13.ucode  
Version: 25.30.13.0

File: iwlwifi-7265-16.ucode  
Version 16.242414.0

File: iwlwifi-7265-17.ucode  
Version 17.352738.0

File: iwlwifi-7265D-10.ucode  
Version: 23.15.10.0

File: iwlwifi-7265D-12.ucode  
Version: 25.17.12.0

File: iwlwifi-7265D-13.ucode  
Version: 25.30.13.0

File: iwlwifi-7265D-16.ucode  
Version 16.242414.0

File: iwlwifi-7265D-17.ucode  
Version 17.352738.0

File: iwlwifi-7265D-21.ucode  
Version 21.302800.0

File: iwlwifi-7265D-22.ucode  
Version 22.361476.0

File: iwlwifi-3168-21.ucode  
Version 21.302800.0

File: iwlwifi-3168-22.ucode  
Version 22.361476.0

File: iwlwifi-8000C-13.ucode  
Version: 25.30.13.0

File: iwlwifi-8000C-16.ucode  
Version 16.242414.0

File: iwlwifi-8000C-21.ucode  
Version 21.302800.0

File: iwlwifi-8000C-22.ucode

## Notice

Version 22.361476.0

File: iwlwifi-8265-21.ucode  
Version 21.302800.0

File: iwlwifi-8265-22.ucode  
Version 22.361476.0

Licence: Redistributable. See LICENCE.iwlwifi\_firmware for details

Also available from <http://wireless.kernel.org/en/users/Drivers/iwlwifi#Firmware>

-----  
Driver: cx231xx - Conexant Cx23100/101/102 USB broadcast A/V decoder

File: v4l-cx231xx-avcore-01.fw

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-----  
Driver: tehuti - Tehuti Networks 10G Ethernet

File: tehuti/bdx.bin

Licence:

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## Notice

Found in hex form in kernel source.

-----  
Driver: typhoon - 3cr990 series Typhoon

File: 3com/typhoon.bin

Licence:

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## Notice

\*/

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-----

Driver: yam - YAM driver for AX.25

File: yam/1200.bin

File: yam/9600.bin

Licence:

\* (C) F6FBB 1998

Found in hex form in kernel source.

-----

Driver: 3c359 - 3Com 3C359 Token Link Velocity XL adapter

File: 3com/3C359.bin

Licence:

/\*

\* The firmware this driver downloads into the tokenring card is a  
\* separate program and is not GPL'd source code, even though the Linux  
\* side driver and the routine that loads this data into the card are.

\*

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\* warranty expressed or implied about its fitness for any purpose.

\*/

/\* 3c359\_microcode.mac: 3Com 3C359 Tokenring microcode.

\*

\* Notes:

\* - Loaded from xl\_init upon adapter initialization.

\*

\* Available from 3Com as part of their standard 3C359 driver.

\*/

Found in hex form in kernel source.

---

Driver: pcnet\_cs - NE2000 compatible PCMCIA adapter

File: cis/LA-PCM.cis  
File: cis/PCMLM28.cis  
File: cis/DP83903.cis  
File: cis/NE2K.cis  
File: cis/tamarack.cis  
File: cis/PE-200.cis  
File: cis/PE520.cis  
Source: cis/

Licence: Dual GPLv2/MPL

Originally developed by the pcmcia-cs project  
Copyright (C) 1998, 1999, 2000 David A. Hinds

---

Driver: 3c589\_cs - 3Com PCMCIA adapter

File: cis/3CXEM556.cis  
Source: cis/src/3CXEM556.cis

Licence: Dual GPLv2/MPL

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---

Driver: 3c574\_cs - 3Com PCMCIA adapter

File: cis/3CCFEM556.cis  
Source: cis/src/3CCFEM556.cis

Licence: Dual GPLv2/MPL

Originally developed by the pcmcia-cs project

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---

Driver: serial\_cs - Serial PCMCIA adapter

File: cis/MT5634ZLX.cis

File: cis/RS-COM-2P.cis

File: cis/COMpad2.cis

File: cis/COMpad4.cis

Source: cis/src/MT5634ZLX.cis

Source: cis/src/RS-COM-2P.cis

Source: cis/src/COMpad2.cis

Source: cis/src/COMpad4.cis

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---

Driver: serial\_cs - Serial PCMCIA adapter

File: cis/SW\_555\_SER.cis

File: cis/SW\_7xx\_SER.cis

File: cis/SW\_8xx\_SER.cis

Licence: GPLv3. See GPL-3 for details.

Copyright Sierra Wireless

---

Driver: smc91c92\_cs - SMC 91Cxx PCMCIA

File: ositech/Xilinx7OD.bin

Licence: Allegedly GPL, but no source visible. Marked:

This file contains the firmware of Seven of Diamonds from OSITECH.

(Special thanks to Kevin MacPherson of OSITECH)

## Notice

Found in hex form in kernel source.

---

Driver: cx23418 - Conexant PCI Broadcast A/V with MPEG encoder

File: v4l-cx23418-apu.fw

File: v4l-cx23418-cpu.fw

File: v4l-cx23418-dig.fw

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---

Driver: cx23885 - Conexant PCI Express Broadcast A/V decoder

File: v4l-cx23885-avcore-01.fw

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---

Driver: cx23840 - Conexant sideport Broadcast A/V decoder

## Notice

File: v4l-cx25840.fw

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-----

Driver: qllogicpti - PTI Qlogic, ISP Driver

File: qllogic/isp1000.bin

Licence: Unknown

Found in hex form in kernel source.

-----

Driver: myri\_sbus - MyriCOM Gigabit Ethernet

File: myricom/lanai.bin

Licence: Unknown

Found in hex form in kernel source.

-----

Driver: bnx2x: Broadcom Everest

File: bnx2x-e1-4.8.53.0.fw

File: bnx2x-e1h-4.8.53.0.fw

File: bnx2x-e1-5.2.7.0.fw

File: bnx2x-e1h-5.2.7.0.fw

File: bnx2x-e1-5.2.13.0.fw

File: bnx2x-e1h-5.2.13.0.fw  
File: bnx2x/bnx2x-e1-6.0.34.0.fw  
File: bnx2x/bnx2x-e1h-6.0.34.0.fw  
File: bnx2x/bnx2x-e2-6.0.34.0.fw  
File: bnx2x/bnx2x-e1-6.2.5.0.fw  
File: bnx2x/bnx2x-e1h-6.2.5.0.fw  
File: bnx2x/bnx2x-e2-6.2.5.0.fw  
File: bnx2x/bnx2x-e1-6.2.9.0.fw  
File: bnx2x/bnx2x-e1h-6.2.9.0.fw  
File: bnx2x/bnx2x-e2-6.2.9.0.fw  
File: bnx2x/bnx2x-e2-7.0.20.0.fw  
File: bnx2x/bnx2x-e1-7.0.20.0.fw  
File: bnx2x/bnx2x-e1h-7.0.20.0.fw  
File: bnx2x/bnx2x-e2-7.0.23.0.fw  
File: bnx2x/bnx2x-e1-7.0.23.0.fw  
File: bnx2x/bnx2x-e1h-7.0.23.0.fw  
File: bnx2x/bnx2x-e2-7.0.29.0.fw  
File: bnx2x/bnx2x-e1-7.0.29.0.fw  
File: bnx2x/bnx2x-e1h-7.0.29.0.fw  
File: bnx2x/bnx2x-e2-7.2.16.0.fw  
File: bnx2x/bnx2x-e1-7.2.16.0.fw  
File: bnx2x/bnx2x-e1h-7.2.16.0.fw  
File: bnx2x/bnx2x-e2-7.2.51.0.fw  
File: bnx2x/bnx2x-e1-7.2.51.0.fw  
File: bnx2x/bnx2x-e1h-7.2.51.0.fw  
File: bnx2x/bnx2x-e1-7.8.2.0.fw  
File: bnx2x/bnx2x-e1h-7.8.2.0.fw  
File: bnx2x/bnx2x-e2-7.8.2.0.fw  
File: bnx2x/bnx2x-e1-7.8.17.0.fw  
File: bnx2x/bnx2x-e1h-7.8.17.0.fw  
File: bnx2x/bnx2x-e2-7.8.17.0.fw  
File: bnx2x/bnx2x-e1-7.8.19.0.fw  
File: bnx2x/bnx2x-e1h-7.8.19.0.fw  
File: bnx2x/bnx2x-e2-7.8.19.0.fw  
File: bnx2x/bnx2x-e1-7.10.51.0.fw  
File: bnx2x/bnx2x-e1h-7.10.51.0.fw  
File: bnx2x/bnx2x-e2-7.10.51.0.fw  
File: bnx2x/bnx2x-e1-7.12.30.0.fw  
File: bnx2x/bnx2x-e1h-7.12.30.0.fw  
File: bnx2x/bnx2x-e2-7.12.30.0.fw  
File: bnx2x/bnx2x-e1-7.13.1.0.fw

## Notice

File: bnx2x/bnx2x-e1h-7.13.1.0.fw

File: bnx2x/bnx2x-e2-7.13.1.0.fw

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-----  
Driver: bnx2 - Broadcom NetXtremeII

File: bnx2/bnx2-mips-06-4.6.16.fw

File: bnx2/bnx2-mips-06-5.0.0.j3.fw

File: bnx2/bnx2-mips-06-5.0.0.j6.fw

File: bnx2/bnx2-mips-06-6.0.15.fw

File: bnx2/bnx2-mips-06-6.2.1.fw

File: bnx2/bnx2-mips-06-6.2.3.fw

File: bnx2/bnx2-mips-09-4.6.17.fw

File: bnx2/bnx2-mips-09-5.0.0.j3.fw

File: bnx2/bnx2-mips-09-5.0.0.j9.fw

File: bnx2/bnx2-mips-09-5.0.0.j15.fw

File: bnx2/bnx2-mips-09-6.0.17.fw

File: bnx2/bnx2-mips-09-6.2.1.fw

File: bnx2/bnx2-mips-09-6.2.1a.fw

File: bnx2/bnx2-mips-09-6.2.1b.fw

File: bnx2/bnx2-rv2p-06-4.6.16.fw

File: bnx2/bnx2-rv2p-06-5.0.0.j3.fw

File: bnx2/bnx2-rv2p-06-6.0.15.fw

File: bnx2/bnx2-rv2p-09-4.6.15.fw

File: bnx2/bnx2-rv2p-09-5.0.0.j3.fw

File: bnx2/bnx2-rv2p-09-5.0.0.j10.fw

## Notice

File: bnx2/bnx2-rv2p-09-6.0.17.fw  
File: bnx2/bnx2-rv2p-09ax-5.0.0.j3.fw  
File: bnx2/bnx2-rv2p-09ax-5.0.0.j10.fw  
File: bnx2/bnx2-rv2p-09ax-6.0.17.fw

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Driver: netxen\_nic - NetXen Multi port (1/10) Gigabit Ethernet NIC

File: phanfw.bin  
Version: 4.0.590

Licence: Redistributable. See LICENCE.phanfw for details.

Available from [http://ldriver.qlogic.com/firmware/netxen\\_nic/new/](http://ldriver.qlogic.com/firmware/netxen_nic/new/)

-----

Driver: dvb-ttpci -- AV7110 cards

File: av7110/bootcode.bin  
Source: av7110/Boot.S  
Source: av7110/Makefile

Licence: GPLv2 or later. See GPL-2 and GPL-3 for details.

ARM assembly source code from <https://linuxtv.org/downloads/firmware/Boot.S>

-----



## Notice

Driver: snd-wavefront - ISA WaveFront sound card

File: yamaha/yss225\_registers.bin

Licence: Allegedly GPLv2+, but no source visible.

Found in hex form in kernel source, with the following comment:  
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-----  
Driver: rt61pci - Ralink RT2561, RT2561S, RT2661 wireless MACs

File: rt2561.bin

File: rt2561s.bin

File: rt2661.bin

Licence: Redistributable. See LICENCE.ralink-firmware.txt for details

Downloaded from <http://www.ralinktech.com/ralink/Home/Support/Linux.html>

-----  
Driver: rt73usb - Ralink RT2571W, RT2671 wireless MACs

File: rt73.bin

Licence: Redistributable. See LICENCE.ralink-firmware.txt for details

Downloaded from <http://www.ralinktech.com/ralink/Home/Support/Linux.html>

-----  
Driver: mt7601u - MediaTek MT7601U Wireless MACs

File: mt7601u.bin

Version: 34

Licence: Redistributable. See LICENCE.ralink\_a\_mediatek\_company\_firmware for details

Downloaded from <http://www.mediatek.com/en/downloads/>

## Notice

---

Driver: rt2800pci - Ralink RT2860, RT2890, RT3090, RT3290, RT5390 wireless MACs

File: rt2860.bin

Version: 40

File: rt3290.bin

Version: 37

Licence: Redistributable. See LICENCE.ralink-firmware.txt for details

Binary file supplied originally by Shiang Tu <shiang\_tu@ralinktech.com>, latest  
from <http://www.mediatek.com/en/downloads1/downloads/>

---

Driver: rt2860sta - Ralink RT3090 wireless MACs

Link: rt3090.bin -> rt2860.bin

Licence: Redistributable. See LICENCE.ralink-firmware.txt for details

---

Driver: rt2800usb - Ralink RT2870, RT3070, RT3071, RT3072, RT5370 wireless MACs

File: rt2870.bin

Version: 36

Licence: Redistributable. See LICENCE.ralink-firmware.txt for details

Binary file supplied originally by Shiang Tu <shiang\_tu@ralinktech.com>, latest  
from <http://www.mediatek.com/en/downloads1/downloads/>

---

Driver: rt2870sta - Ralink RT2870, RT3070, RT3071 wireless MACs

Link: rt3070.bin -> rt2870.bin

## Notice

File: rt3071.bin

Licence: Redistributable. See LICENCE.ralink-firmware.txt for details

rt3071.bin is a copy of bytes 4096-8191 of rt2870.bin for compatibility.

-----  
Driver: usbdux/usbduxfast/usbduxsigma - usbdux data acquisition cards

File: usbdux\_firmware.bin

File: usbduxfast\_firmware.bin

File: usbduxsigma\_firmware.bin

Source: usbdux/

Licence: GPLv2. See GPL-2 for details.

Provided from the author, Bernd Porr <BerndPorr@f2s.com>

-----  
Driver: xc4000 - Xceive 4000 Tuner driver

File: dvb-fe-xc4000-1.4.1.fw

Version: 1.4.1

Licence: Redistributable. See LICENCE.xc4000 for details

-----  
Driver: xc5000 - Xceive 5000 Tuner driver

File: dvb-fe-xc5000-1.6.114.fw

Version: 1.6.114

File: dvb-fe-xc5000c-4.1.30.7.fw

Version: 4.1.30.7

Licence: Redistributable. See LICENCE.xc5000 and LICENCE.xc5000c for details

## Notice

Driver: dib0700 - DiBcom dib0700 USB DVB bridge driver

File: dvb-usb-dib0700-1.20.fw

Version: 1.20

Licence: Redistributable. See LICENSE.dib0700 for details

-----

Driver: ath3k - DFU Driver for Atheros bluetooth chipset AR3011

File: ath3k-1.fw

Version: 1.0

Fix EEPROM radio table issue and change PID to 3005

Licence: Redistributable. See LICENSE.atheros\_firmware for details

-----

Driver: mga - Matrox G200/G400/G550

File: matrox/g200\_warp.fw

File: matrox/g400\_warp.fw

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Found in hex form in kernel source.

-----  
Driver: r128 - ATI Rage 128

File: r128/r128\_cce.bin

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-----  
Driver: radeon - ATI Radeon

File: radeon/R100\_cp.bin  
File: radeon/R200\_cp.bin  
File: radeon/R300\_cp.bin  
File: radeon/R420\_cp.bin  
File: radeon/RS600\_cp.bin  
File: radeon/RS690\_cp.bin  
File: radeon/R520\_cp.bin  
File: radeon/R600\_pfp.bin  
File: radeon/R600\_me.bin  
File: radeon/RV610\_pfp.bin  
File: radeon/RV610\_me.bin  
File: radeon/RV630\_pfp.bin  
File: radeon/RV630\_me.bin  
File: radeon/RV620\_pfp.bin  
File: radeon/RV620\_me.bin  
File: radeon/RV635\_pfp.bin  
File: radeon/RV635\_me.bin  
File: radeon/RV670\_pfp.bin  
File: radeon/RV670\_me.bin  
File: radeon/RS780\_pfp.bin  
File: radeon/RS780\_me.bin  
File: radeon/RV770\_pfp.bin  
File: radeon/RV770\_me.bin  
File: radeon/RV730\_pfp.bin  
File: radeon/RV730\_me.bin  
File: radeon/RV710\_pfp.bin  
File: radeon/RV710\_me.bin

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-----  
Driver: radeon - ATI Radeon

File: radeon/R600\_rlc.bin  
File: radeon/R600\_uvd.bin  
File: radeon/RS780\_uvd.bin  
File: radeon/R700\_rlc.bin  
File: radeon/RV710\_uvd.bin  
File: radeon/RV710\_smc.bin  
File: radeon/RV730\_smc.bin  
File: radeon/RV740\_smc.bin  
File: radeon/RV770\_smc.bin  
File: radeon/RV770\_uvd.bin  
File: radeon/CEDAR\_me.bin  
File: radeon/CEDAR\_pfp.bin  
File: radeon/CEDAR\_rlc.bin  
File: radeon/CEDAR\_smc.bin  
File: radeon/CYPRESS\_me.bin  
File: radeon/CYPRESS\_pfp.bin  
File: radeon/CYPRESS\_rlc.bin  
File: radeon/CYPRESS\_uvd.bin  
File: radeon/CYPRESS\_smc.bin  
File: radeon/JUNIPER\_me.bin

File: radeon/JUNIPER\_pfp.bin  
File: radeon/JUNIPER\_rlc.bin  
File: radeon/JUNIPER\_smc.bin  
File: radeon/REDWOOD\_me.bin  
File: radeon/REDWOOD\_pfp.bin  
File: radeon/REDWOOD\_rlc.bin  
File: radeon/REDWOOD\_smc.bin  
File: radeon/PALM\_me.bin  
File: radeon/PALM\_pfp.bin  
File: radeon/SUMO\_rlc.bin  
File: radeon/SUMO\_uvd.bin  
File: radeon/BARTS\_mc.bin  
File: radeon/BARTS\_me.bin  
File: radeon/BARTS\_pfp.bin  
File: radeon/BARTS\_smc.bin  
File: radeon/BTC\_rlc.bin  
File: radeon/CAICOS\_mc.bin  
File: radeon/CAICOS\_me.bin  
File: radeon/CAICOS\_pfp.bin  
File: radeon/CAICOS\_smc.bin  
File: radeon/TURKS\_mc.bin  
File: radeon/TURKS\_me.bin  
File: radeon/TURKS\_pfp.bin  
File: radeon/TURKS\_smc.bin  
File: radeon/CAYMAN\_mc.bin  
File: radeon/CAYMAN\_me.bin  
File: radeon/CAYMAN\_pfp.bin  
File: radeon/CAYMAN\_rlc.bin  
File: radeon/CAYMAN\_smc.bin  
File: radeon/SUMO\_pfp.bin  
File: radeon/SUMO\_me.bin  
File: radeon/SUMO2\_pfp.bin  
File: radeon/SUMO2\_me.bin  
File: radeon/ARUBA\_me.bin  
File: radeon/ARUBA\_pfp.bin  
File: radeon/ARUBA\_rlc.bin  
File: radeon/PITCAIRN\_ce.bin  
File: radeon/PITCAIRN\_mc.bin  
File: radeon/PITCAIRN\_mc2.bin  
File: radeon/PITCAIRN\_me.bin  
File: radeon/PITCAIRN\_pfp.bin



File: radeon/PITCAIRN\_rlc.bin  
File: radeon/PITCAIRN\_smc.bin  
File: radeon/TAHITI\_ce.bin  
File: radeon/TAHITI\_mc.bin  
File: radeon/TAHITI\_mc2.bin  
File: radeon/TAHITI\_me.bin  
File: radeon/TAHITI\_pfp.bin  
File: radeon/TAHITI\_rlc.bin  
File: radeon/TAHITI\_uvd.bin  
File: radeon/TAHITI\_smc.bin  
File: radeon/TAHITI\_vce.bin  
File: radeon/VERDE\_ce.bin  
File: radeon/VERDE\_mc.bin  
File: radeon/VERDE\_mc2.bin  
File: radeon/VERDE\_me.bin  
File: radeon/VERDE\_pfp.bin  
File: radeon/VERDE\_rlc.bin  
File: radeon/VERDE\_smc.bin  
File: radeon/OLAND\_ce.bin  
File: radeon/OLAND\_mc.bin  
File: radeon/OLAND\_mc2.bin  
File: radeon/OLAND\_me.bin  
File: radeon/OLAND\_pfp.bin  
File: radeon/OLAND\_rlc.bin  
File: radeon/OLAND\_smc.bin  
File: radeon/HAINAN\_ce.bin  
File: radeon/HAINAN\_mc.bin  
File: radeon/HAINAN\_mc2.bin  
File: radeon/HAINAN\_me.bin  
File: radeon/HAINAN\_pfp.bin  
File: radeon/HAINAN\_rlc.bin  
File: radeon/HAINAN\_smc.bin  
File: radeon/BONAIRE\_ce.bin  
File: radeon/BONAIRE\_mc.bin  
File: radeon/BONAIRE\_mc2.bin  
File: radeon/BONAIRE\_me.bin  
File: radeon/BONAIRE\_mec.bin  
File: radeon/BONAIRE\_pfp.bin  
File: radeon/BONAIRE\_rlc.bin  
File: radeon/BONAIRE\_sdma.bin  
File: radeon/BONAIRE\_uvd.bin

File: radeon/BONAIRE\_smc.bin  
File: radeon/BONAIRE\_vce.bin  
File: radeon/KABINI\_ce.bin  
File: radeon/KABINI\_me.bin  
File: radeon/KABINI\_mec.bin  
File: radeon/KABINI\_pfp.bin  
File: radeon/KABINI\_rlc.bin  
File: radeon/KABINI\_sdma.bin  
File: radeon/KAVERI\_ce.bin  
File: radeon/KAVERI\_me.bin  
File: radeon/KAVERI\_mec.bin  
File: radeon/KAVERI\_pfp.bin  
File: radeon/KAVERI\_rlc.bin  
File: radeon/KAVERI\_sdma.bin  
File: radeon/HAWAII\_ce.bin  
File: radeon/HAWAII\_mc.bin  
File: radeon/HAWAII\_mc2.bin  
File: radeon/HAWAII\_me.bin  
File: radeon/HAWAII\_mec.bin  
File: radeon/HAWAII\_pfp.bin  
File: radeon/HAWAII\_rlc.bin  
File: radeon/HAWAII\_sdma.bin  
File: radeon/HAWAII\_smc.bin  
File: radeon/MULLINS\_ce.bin  
File: radeon/MULLINS\_me.bin  
File: radeon/MULLINS\_mec.bin  
File: radeon/MULLINS\_pfp.bin  
File: radeon/MULLINS\_rlc.bin  
File: radeon/MULLINS\_sdma.bin  
File: radeon/pitcairn\_ce.bin  
File: radeon/pitcairn\_k\_smc.bin  
File: radeon/pitcairn\_mc.bin  
File: radeon/pitcairn\_me.bin  
File: radeon/pitcairn\_pfp.bin  
File: radeon/pitcairn\_rlc.bin  
File: radeon/pitcairn\_smc.bin  
File: radeon/tahiti\_ce.bin  
File: radeon/tahiti\_k\_smc.bin  
File: radeon/tahiti\_mc.bin  
File: radeon/tahiti\_me.bin  
File: radeon/tahiti\_pfp.bin

File: radeon/tahiti\_rlc.bin  
File: radeon/tahiti\_smc.bin  
File: radeon/verde\_ce.bin  
File: radeon/verde\_k\_smc.bin  
File: radeon/verde\_mc.bin  
File: radeon/verde\_me.bin  
File: radeon/verde\_pfp.bin  
File: radeon/verde\_rlc.bin  
File: radeon/verde\_smc.bin  
File: radeon/oland\_ce.bin  
File: radeon/oland\_k\_smc.bin  
File: radeon/oland\_mc.bin  
File: radeon/oland\_me.bin  
File: radeon/oland\_pfp.bin  
File: radeon/oland\_rlc.bin  
File: radeon/oland\_smc.bin  
File: radeon/hainan\_ce.bin  
File: radeon/hainan\_k\_smc.bin  
File: radeon/hainan\_mc.bin  
File: radeon/hainan\_me.bin  
File: radeon/hainan\_pfp.bin  
File: radeon/hainan\_rlc.bin  
File: radeon/hainan\_smc.bin  
File: radeon/bonaire\_ce.bin  
File: radeon/bonaire\_k\_smc.bin  
File: radeon/bonaire\_mc.bin  
File: radeon/bonaire\_me.bin  
File: radeon/bonaire\_mec.bin  
File: radeon/bonaire\_pfp.bin  
File: radeon/bonaire\_rlc.bin  
File: radeon/bonaire\_sdma.bin  
File: radeon/bonaire\_sdma1.bin  
File: radeon/bonaire\_smc.bin  
File: radeon/bonaire\_uvd.bin  
File: radeon/bonaire\_vce.bin  
File: radeon/kabini\_ce.bin  
File: radeon/kabini\_me.bin  
File: radeon/kabini\_mec.bin  
File: radeon/kabini\_pfp.bin  
File: radeon/kabini\_rlc.bin  
File: radeon/kabini\_sdma.bin

File: radeon/kabini\_sdma1.bin  
File: radeon/kabini\_uvd.bin  
File: radeon/kabini\_vce.bin  
File: radeon/kaveri\_ce.bin  
File: radeon/kaveri\_me.bin  
File: radeon/kaveri\_mec.bin  
File: radeon/kaveri\_mec2.bin  
File: radeon/kaveri\_pfp.bin  
File: radeon/kaveri\_rlc.bin  
File: radeon/kaveri\_sdma.bin  
File: radeon/kaveri\_sdma1.bin  
File: radeon/kaveri\_uvd.bin  
File: radeon/kaveri\_vce.bin  
File: radeon/hawaii\_ce.bin  
File: radeon/hawaii\_k\_smc.bin  
File: radeon/hawaii\_mc.bin  
File: radeon/hawaii\_me.bin  
File: radeon/hawaii\_mec.bin  
File: radeon/hawaii\_pfp.bin  
File: radeon/hawaii\_rlc.bin  
File: radeon/hawaii\_sdma.bin  
File: radeon/hawaii\_sdma1.bin  
File: radeon/hawaii\_smc.bin  
File: radeon/hawaii\_uvd.bin  
File: radeon/hawaii\_vce.bin  
File: radeon/mullins\_ce.bin  
File: radeon/mullins\_me.bin  
File: radeon/mullins\_mec.bin  
File: radeon/mullins\_pfp.bin  
File: radeon/mullins\_rlc.bin  
File: radeon/mullins\_sdma.bin  
File: radeon/mullins\_sdma1.bin  
File: radeon/mullins\_uvd.bin  
File: radeon/mullins\_vce.bin

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-----  
Driver: amdgpu - AMD Radeon

File: amdgpu/topaz\_ce.bin  
File: amdgpu/topaz\_k\_smc.bin  
File: amdgpu/topaz\_mc.bin  
File: amdgpu/topaz\_me.bin  
File: amdgpu/topaz\_mec2.bin  
File: amdgpu/topaz\_mec.bin  
File: amdgpu/topaz\_pfp.bin  
File: amdgpu/topaz\_rlc.bin  
File: amdgpu/topaz\_sdma1.bin  
File: amdgpu/topaz\_sdma.bin  
File: amdgpu/topaz\_smc.bin  
File: amdgpu/tonga\_ce.bin  
File: amdgpu/tonga\_k\_smc.bin  
File: amdgpu/tonga\_mc.bin  
File: amdgpu/tonga\_me.bin  
File: amdgpu/tonga\_mec2.bin  
File: amdgpu/tonga\_mec.bin  
File: amdgpu/tonga\_pfp.bin  
File: amdgpu/tonga\_rlc.bin  
File: amdgpu/tonga\_sdma1.bin  
File: amdgpu/tonga\_sdma.bin  
File: amdgpu/tonga\_smc.bin  
File: amdgpu/tonga\_uvd.bin  
File: amdgpu/tonga\_vce.bin  
File: amdgpu/carrizo\_ce.bin  
File: amdgpu/carrizo\_me.bin  
File: amdgpu/carrizo\_mec2.bin  
File: amdgpu/carrizo\_mec.bin  
File: amdgpu/carrizo\_pfp.bin  
File: amdgpu/carrizo\_rlc.bin  
File: amdgpu/carrizo\_sdma1.bin  
File: amdgpu/carrizo\_sdma.bin  
File: amdgpu/carrizo\_uvd.bin  
File: amdgpu/carrizo\_vce.bin  
File: amdgpu/fiji\_ce.bin  
File: amdgpu/fiji\_mc.bin  
File: amdgpu/fiji\_me.bin  
File: amdgpu/fiji\_mec2.bin  
File: amdgpu/fiji\_mec.bin  
File: amdgpu/fiji\_pfp.bin  
File: amdgpu/fiji\_rlc.bin

File: amdgpu/fiji\_sdma1.bin  
File: amdgpu/fiji\_sdma.bin  
File: amdgpu/fiji\_smc.bin  
File: amdgpu/fiji\_uvd.bin  
File: amdgpu/fiji\_vce.bin  
File: amdgpu/stoney\_ce.bin  
File: amdgpu/stoney\_me.bin  
File: amdgpu/stoney\_mec.bin  
File: amdgpu/stoney\_pfp.bin  
File: amdgpu/stoney\_rlc.bin  
File: amdgpu/stoney\_sdma.bin  
File: amdgpu/stoney\_uvd.bin  
File: amdgpu/stoney\_vce.bin  
File: amdgpu/polaris10\_ce.bin  
File: amdgpu/polaris10\_mc.bin  
File: amdgpu/polaris10\_me.bin  
File: amdgpu/polaris10\_mec2.bin  
File: amdgpu/polaris10\_mec.bin  
File: amdgpu/polaris10\_pfp.bin  
File: amdgpu/polaris10\_rlc.bin  
File: amdgpu/polaris10\_sdma1.bin  
File: amdgpu/polaris10\_sdma.bin  
File: amdgpu/polaris10\_smc.bin  
File: amdgpu/polaris10\_smc\_sk.bin  
File: amdgpu/polaris10\_uvd.bin  
File: amdgpu/polaris10\_vce.bin  
File: amdgpu/polaris11\_ce.bin  
File: amdgpu/polaris11\_mc.bin  
File: amdgpu/polaris11\_me.bin  
File: amdgpu/polaris11\_mec2.bin  
File: amdgpu/polaris11\_mec.bin  
File: amdgpu/polaris11\_pfp.bin  
File: amdgpu/polaris11\_rlc.bin  
File: amdgpu/polaris11\_sdma1.bin  
File: amdgpu/polaris11\_sdma.bin  
File: amdgpu/polaris11\_smc.bin  
File: amdgpu/polaris11\_smc\_sk.bin  
File: amdgpu/polaris11\_uvd.bin  
File: amdgpu/polaris11\_vce.bin

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## Notice

-----  
Driver: s2255drv

File: f2255usb.bin

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-----  
Driver: rtl8192e - Realtek 8192 PCI wireless driver

File: RTL8192E/boot.img

File: RTL8192E/data.img

File: RTL8192E/main.img

Licence: Redistributable, provided by Realtek in their driver source download.

-----  
Driver: lgs8gxx - Legend Silicon GB20600 demodulator driver

File: lgs8g75.fw

Licence: Unknown

-----  
Driver: ib\_qib - QLogic Infiniband

File: qlogic/sd7220.fw

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Found in hex form in kernel source.

-----

Driver: qed - QLogic 4xxx Ethernet Driver Core Module.

File: qed/qed\_init\_values\_zipped-8.4.2.0.bin

File: qed/qed\_init\_values\_zipped-8.7.3.0.bin



## Notice

File: qed/qed\_init\_values\_zipped-8.10.5.0.bin  
File: qed/qed\_init\_values\_zipped-8.10.10.0.bin

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-----  
Driver: ueagle-atm - Driver for USB ADSL Modems based on Eagle IV Chipset

File: ueagle-atm/CMV4p.bin.v2  
File: ueagle-atm/DSP4p.bin  
File: ueagle-atm/eagleIV.fw  
Version: 1.0

Licence: Redistributable. See LICENCE.ueagle-atm4-firmware for details

-----  
Driver: ueagle-atm - Driver for USB ADSL Modems based on Eagle I,II,III

File: ueagle-atm/930-fpga.bin  
File: ueagle-atm/CMVeiWO.bin  
File: ueagle-atm/CMVepFR10.bin  
File: ueagle-atm/DSP9p.bin  
File: ueagle-atm/eagleIII.fw  
File: ueagle-atm/adi930.fw  
File: ueagle-atm/CMVep.bin  
File: ueagle-atm/CMVepFR.bin  
File: ueagle-atm/DSPei.bin  
File: ueagle-atm/CMV9i.bin  
File: ueagle-atm/CMVepES03.bin  
File: ueagle-atm/CMVepIT.bin  
File: ueagle-atm/DSPep.bin  
File: ueagle-atm/CMV9p.bin

## Notice

File: ueagle-atm/CMVepES.bin  
File: ueagle-atm/CMVepWO.bin  
File: ueagle-atm/eagleI.fw  
File: ueagle-atm/CMVei.bin  
File: ueagle-atm/CMVepFR04.bin  
File: ueagle-atm/DSP9i.bin  
File: ueagle-atm/eagleII.fw  
Version: 1.1

Licence: Redistributable. Based on  
<https://mail.gna.org/public/eagleusb-dev/2004-11/msg00172.html>

-----  
Driver: vxge - Exar X3100 Series 10GbE PCIe I/O Virtualized Server Adapter

File: vxge/X3fw.ncf  
File: vxge/X3fw-pxe.ncf  
Version: 1.8.1

Licence:

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-----  
Driver: brcmsmac - Broadcom 802.11n softmac wireless LAN driver.

File: brcm/bcm43xx-0.fw  
File: brcm/bcm43xx\_hdr-0.fw  
Version: 610.812

Licence: Redistributable. See LICENCE.broadcom\_bcm43xx for details.

## Notice

Driver: brcmfmac - Broadcom 802.11n fullmac wireless LAN driver.

File: brcm/bcm4329-fullmac-4.bin  
File: brcm/brcmfmac43236b.bin  
File: brcm/brcmfmac4329-sdio.bin  
File: brcm/brcmfmac4330-sdio.bin  
File: brcm/brcmfmac4334-sdio.bin  
File: brcm/brcmfmac43340-sdio.bin  
File: brcm/brcmfmac4335-sdio.bin  
File: brcm/brcmfmac43362-sdio.bin  
File: brcm/brcmfmac4339-sdio.bin  
File: brcm/brcmfmac43241b0-sdio.bin  
File: brcm/brcmfmac43241b4-sdio.bin  
File: brcm/brcmfmac43241b5-sdio.bin  
File: brcm/brcmfmac43242a.bin  
File: brcm/brcmfmac43143.bin  
File: brcm/brcmfmac43143-sdio.bin  
File: brcm/brcmfmac43430-sdio.bin  
File: brcm/brcmfmac43455-sdio.bin  
File: brcm/brcmfmac4350c2-pcie.bin  
File: brcm/brcmfmac4350-pcie.bin  
File: brcm/brcmfmac4354-sdio.bin  
File: brcm/brcmfmac4356-pcie.bin  
File: brcm/brcmfmac43569.bin  
File: brcm/brcmfmac43570-pcie.bin  
File: brcm/brcmfmac43602-pcie.bin  
File: brcm/brcmfmac43602-pcie.ap.bin  
File: brcm/brcmfmac4366b-pcie.bin  
File: brcm/brcmfmac4371-pcie.bin

Licence: Redistributable. See LICENCE.broadcom\_bcm43xx for details.

-----

Driver: tda7706 - FM radio Highly integrated tuner for AM/FM car-radio

File: TDA7706\_OM\_v2.5.1\_boot.txt  
File: TDA7706\_OM\_v3.0.2\_boot.txt

Licence: Redistributable. See LICENCE.tda7706-firmware.txt for details.  
Copyright © 2010 STMicroelectronics

## Notice

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Driver: wl1251 - Texas Instruments 802.11 WLAN driver for WiLink4 chips

File: ti-connectivity/wl1251-fw.bin

Version: 4.0.4.3.7

File: ti-connectivity/wl1251-nvs.bin

Licence: Redistributable. See LICENCE.wl1251 for details.

The published NVS files are for testing only. Every device needs to have a unique NVS which is properly calibrated for best results.

The driver expects to find the firmwares under a ti-connectivity subdirectory. So if your system looks for firmwares in /lib/firmware, the firmwares for wl12xx chips must be located in /lib/firmware/ti-connectivity/.

-----

Driver: wl12xx - Texas Instruments 802.11 WLAN driver for WiLink6/7 chips

File: ti-connectivity/wl1271-fw.bin

Version: 6.1.0.50.350 (STA-only)

File: ti-connectivity/wl1271-fw-2.bin

Version: 6.1.5.50.74 (STA-only)

File: ti-connectivity/wl1271-fw-ap.bin

Version: 6.2.1.0.54 (AP-only)

File: ti-connectivity/wl127x-fw-3.bin

Version: 6.3.0.0.77

File: ti-connectivity/wl127x-fw-plt-3.bin

Version: 6.3.0.0.77 (PLT-only)

File: ti-connectivity/wl127x-fw-4-sr.bin

Version: 6.3.5.0.98 (Single-role)

File: ti-connectivity/wl127x-fw-4-mr.bin

Version: 6.5.2.0.15 (Multi-role)

File: ti-connectivity/wl127x-fw-4-plt.bin

Version: 6.3.5.0.98 (PLT-only)

File: ti-connectivity/wl127x-fw-5-sr.bin

Version: 6.3.10.0.133 (Single-role)

## Notice

File: ti-connectivity/wl127x-fw-5-mr.bin  
Version: 6.5.7.0.42 (Multi-role)  
File: ti-connectivity/wl127x-fw-5-plt.bin  
Version: 6.3.10.0.133 (PLT-only)

File: ti-connectivity/wl128x-fw.bin  
Version: 7.1.5.50.74 (STA-only)  
File: ti-connectivity/wl128x-fw-ap.bin  
Version: 7.2.1.0.54 (AP-only)  
File: ti-connectivity/wl128x-fw-3.bin  
Version: 7.3.0.0.77  
File: ti-connectivity/wl128x-fw-plt-3.bin  
Version: 7.3.0.0.77  
File: ti-connectivity/wl128x-fw-4-sr.bin  
Version: 7.3.5.0.98 (Single-role)  
File: ti-connectivity/wl128x-fw-4-mr.bin  
Version: 7.5.2.0.15 (Multi-role)  
File: ti-connectivity/wl128x-fw-4-plt.bin  
Version: 7.3.5.0.98 (PLT)  
File: ti-connectivity/wl128x-fw-5-sr.bin  
Version: 7.3.10.0.133 (Single-role)  
File: ti-connectivity/wl128x-fw-5-mr.bin  
Version: 7.5.7.0.42 (Multi-role)  
File: ti-connectivity/wl128x-fw-5-plt.bin  
Version: 7.3.10.2.133 (PLT-only)

File: ti-connectivity/wl127x-nvs.bin  
File: ti-connectivity/wl128x-nvs.bin  
Link: ti-connectivity/wl12xx-nvs.bin -> wl127x-nvs.bin  
Link: ti-connectivity/wl1271-nvs.bin -> wl127x-nvs.bin

Licence: Redistributable. See LICENCE.ti-connectivity for details.

The NVS file includes two parts:

- radio calibration
- HW configuration parameters (aka. INI values)

The published NVS files are for testing only. Every device needs to have a unique NVS which is properly calibrated for best results. You can find more information about NVS generation for your device here:

## Notice

<http://wireless.kernel.org/en/users/Drivers/wl12xx/calibrator>

If you're using a wl127x based device, use a symbolic link called wl1271-nvs.bin that links to the wl127x-nvs.bin file. If you are using wl128x, link to wl128x-nvs.bin instead.

The driver expects to find the firmwares under a ti-connectivity subdirectory. So if your system looks for firmwares in /lib/firmware, the firmwares for wl12xx chips must be located in /lib/firmware/ti-connectivity/.

-----

Driver: wl18xx - Texas Instruments 802.11 WLAN driver for WiLink8 chips

File: ti-connectivity/wl18xx-fw.bin  
Version: 8.2.0.0.100  
File: ti-connectivity/wl18xx-fw-2.bin  
Version: 8.5.0.0.55  
File: ti-connectivity/wl18xx-fw-3.bin  
Version: 8.8.0.0.13  
File: ti-connectivity/wl18xx-fw-4.bin  
Version: 8.9.0.0.69

Licence: Redistributable. See LICENCE.ti-connectivity for details.

The driver expects to find the firmwares under a ti-connectivity subdirectory. So if your system looks for firmwares in /lib/firmware, the firmwares for wl18xx chips must be located in /lib/firmware/ti-connectivity/.

-----

Driver: TI\_ST - Texas Instruments bluetooth driver

File: ti-connectivity/TIInit\_7.2.31.bts

Licence: Redistributable. See LICENCE.ti-connectivity for details.

TIInit\_7.2.31.bts version 7.2.31

## Notice

In order to use that file copy it to /lib/firmware/ti-connectivity.

-----  
Driver: tlg2300 - Telgent 2300 V4L/DVB driver.

File: tlg2300\_firmware.bin

Licence: Redistributable.

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-----  
Driver: r8712u - Realtek 802.11n WLAN driver for RTL8712U

File: rtlwifi/rtl8712u.bin

Info: From Vendor's rtl8712\_8188\_8191\_8192SU\_usb\_linux\_v7\_0.20100831

Reverted rtl8188C\_8192C\_8192D\_usb\_linux\_v3.4.2\_3727.20120404

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----  
Driver: rtl8192ce - Realtek 802.11n WLAN driver for RTL8192CE

File: rtlwifi/rtl8192cfw.bin

File: rtlwifi/rtl8192cfwU.bin

File: rtlwifi/rtl8192cfwU\_B.bin

Info: From Vendor's realtek/rtlwifi\_linux\_mac80211\_0019.0320.2014V628 driver

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

## Notice

Driver: rtl8192cu - Realtek 802.11n WLAN driver for RTL8192CU

File: rtlwifi/rtl8192cufw.bin

File: rtlwifi/rtl8192cufw\_A.bin

File: rtlwifi/rtl8192cufw\_B.bin

File: rtlwifi/rtl8192cufw\_TMSC.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----

Driver: rtl8192se - Realtek 802.11n WLAN driver for RTL8192SE

Info: updated from rtl\_92ce\_92se\_92de\_linux\_mac80211\_0004.0816.2011 driver version

File: rtlwifi/rtl8192sefw.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----

Driver: rtl8192de - Realtek 802.11n WLAN driver for RTL8192DE

Info: Updated from Realtek version rtl\_92ce\_92se\_92de\_8723ae\_linux\_mac80211\_0007.0809.2012

File: rtlwifi/rtl8192defw.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----

Driver: rtl8723e - Realtek 802.11n WLAN driver for RTL8723E

Info: Taken from Realtek version rtl\_92ce\_92se\_92de\_8723ae\_linux\_mac80211\_0007.0809.2012

File: rtlwifi/rtl8723fw.bin

File: rtlwifi/rtl8723fw\_B.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----

Driver: rtl8723be - Realtek 802.11n WLAN driver for RTL8723BE



## Notice

Info: From Vendor's realtek/rtlwifi\_linux\_mac80211\_0019.0320.2014V628 driver  
File: rtlwifi/rtl8723befw.bin  
Info: Update to version 36 - Sent by Realtek  
File: rtlwifi/rtl8723befw\_36.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----

Driver: r8723au - Realtek 802.11n WLAN driver for RTL8723AU

Info: Taken from Realtek driver rtl8723A\_WiFi\_linux\_v4.1.3\_6044.20121224  
Firmware is embedded in the driver as data statements. This info  
has been extracted into a binary file.  
File: rtlwifi/rtl8723aufw\_A.bin  
File: rtlwifi/rtl8723aufw\_B.bin  
File: rtlwifi/rtl8723aufw\_B\_NoBT.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----

Driver: rtl8188ee - Realtek 802.11n WLAN driver for RTL8188EE

Info: Taken from Realtek version rtl\_92ce\_92se\_92de\_8723ae\_88ee\_linux\_mac80211\_0010.0109.2013  
File: rtlwifi/rtl8188efw.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----

Driver: rtl8188eu - Realtek 802.11n WLAN driver for RTL8188EU

Info: Taken from Realtek version RTL8188EUS\_linux\_v4.1.4\_6773.20130222  
File: rtlwifi/rtl8188eufw.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----

## Notice

Driver: rtl8821ae - Realtek 802.11n WLAN driver for RTL8821AE

Info: From Vendor's realtek/rtlwifi\_linux\_mac80211\_0019.0320.2014V628 driver

File: rtlwifi/rtl8821aefw.bin

File: rtlwifi/rtl8821aefw\_wowlan.bin

Info: Update to version 29 - Sent by Realtek

File: rtlwifi/rtl8821aefw\_29.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----

Driver: rtl8192ee - Realtek 802.11n WLAN driver for RTL8192EE

Info: Initial version taken from Realtek version

rtl\_92ce\_92se\_92de\_8723ae\_88ee\_8723be\_92ee\_linux\_mac80211\_0017.1224.2013

Updated Jan. 14, 2015 with file added by Realtek to

[http://github.com/lwfinger/rtlwifi\\_new.git](http://github.com/lwfinger/rtlwifi_new.git).

File: rtlwifi/rtl8192eefw.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----

Driver: rtl8xxxu - Realtek 802.11n WLAN driver for RTL8XXX USB devices

Info: rtl8723au taken from Realtek driver

rtl8723A\_WiFi\_linux\_v4.1.3\_6044.20121224

Firmware is embedded in the driver as data statements. This info  
has been extracted into a binary file.

File: rtlwifi/rtl8723aufw\_A.bin

File: rtlwifi/rtl8723aufw\_B.bin

File: rtlwifi/rtl8723aufw\_B\_NoBT.bin

Info: rtl8723bu taken from Realtek driver

rtl8723BU\_WiFi\_linux\_v4.3.16\_14189.20150519\_BTCOEX20150119-5844

Firmware is embedded in the driver as data statements. This info  
has been extracted into a binary file.

File: rtlwifi/rtl8723bu\_nic.bin

File: rtlwifi/rtl8723bu\_wowlan.bin

File: rtlwifi/rtl8723bu\_ap\_wowlan.bin

## Notice

Info: rtl8192eu taken from Realtek driver  
rtl8192EU\_linux\_v4.3.1.1\_11320.20140505  
Firmware is embedded in the driver as data statements. This info  
has been extracted into a binary file.  
File: rtlwifi/rtl8192eu\_nic.bin  
File: rtlwifi/rtl8192eu\_wowlan.bin  
File: rtlwifi/rtl8192eu\_ap\_wowlan.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

-----  
Driver: r8169 - RealTek 8169/8168/8101 ethernet driver.

File: rtl\_nic/rtl8168d-1.fw  
File: rtl\_nic/rtl8168d-2.fw  
File: rtl\_nic/rtl8105e-1.fw  
File: rtl\_nic/rtl8168e-1.fw  
File: rtl\_nic/rtl8168e-2.fw

File: rtl\_nic/rtl8168e-3.fw  
Version: 0.0.4

File: rtl\_nic/rtl8168f-1.fw  
Version: 0.0.5

File: rtl\_nic/rtl8168f-2.fw  
Version: 0.0.4

File: rtl\_nic/rtl8411-1.fw  
Version: 0.0.3

File: rtl\_nic/rtl8411-2.fw  
Version: 0.0.1

File: rtl\_nic/rtl8402-1.fw  
Version: 0.0.1

File: rtl\_nic/rtl8106e-1.fw  
Version: 0.0.1

## Notice

File: rtl\_nic/rtl8106e-2.fw  
Version: 0.0.1

File: rtl\_nic/rtl8168g-1.fw  
Version: 0.0.3

File: rtl\_nic/rtl8168g-2.fw  
Version: 0.0.1

File: rtl\_nic/rtl8168g-3.fw  
Version: 0.0.1

File: rtl\_nic/rtl8168h-1.fw  
Version: 0.0.2

File: rtl\_nic/rtl8168h-2.fw  
Version: 0.0.2

File: rtl\_nic/rtl8107e-1.fw  
Version: 0.0.2

File: rtl\_nic/rtl8107e-2.fw  
Version: 0.0.2

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\*

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\* notice is accompanying it.

-----  
Driver: vt6656 - VIA VT6656 USB wireless driver

File: vntwusb.fw

Licence: Redistributable. See LICENCE.via\_vt6656 for details.  
-----

## Notice

Driver: DFU Driver for Atheros bluetooth chipset AR3012

File: ar3k/AthrBT\_0x01020001.dfu  
File: ar3k/ramps\_0x01020001\_26.dfu  
File: ar3k/AthrBT\_0x01020200.dfu  
File: ar3k/ramps\_0x01020200\_26.dfu  
File: ar3k/ramps\_0x01020200\_40.dfu  
File: ar3k/AthrBT\_0x31010000.dfu  
File: ar3k/ramps\_0x31010000\_40.dfu  
File: ar3k/AthrBT\_0x11020000.dfu  
File: ar3k/ramps\_0x11020000\_40.dfu  
File: ar3k/ramps\_0x01020201\_26.dfu  
File: ar3k/ramps\_0x01020201\_40.dfu  
File: ar3k/AthrBT\_0x41020000.dfu  
File: ar3k/ramps\_0x41020000\_40.dfu  
File: ar3k/AthrBT\_0x11020100.dfu  
File: ar3k/ramps\_0x11020100\_40.dfu  
File: ar3k/AthrBT\_0x31010100.dfu  
File: ar3k/ramps\_0x31010100\_40.dfu

Licence: Redistributable. See LICENCE.atheros\_firmware for details

-----

Driver: DFU Driver for Atheros bluetooth chipset AR3012

File: ar3k/AthrBT\_0x01020201.dfu  
File: ar3k/1020201coex/ramps\_0x01020201\_26\_HighPriority.dfu

Licence: Redistributable. See LICENSE.QualcommAtheros\_ar3k for details

-----

Driver:Atheros AR300x UART HCI Bluetooth Chip driver

File: ar3k/1020201/PS\_ASIC.pst  
File: ar3k/1020201/RamPatch.txt  
File: ar3k/1020200/ar3kbdaddr.pst  
File: ar3k/1020200/PS\_ASIC.pst  
File: ar3k/1020200/RamPatch.txt

## Notice

File: ar3k/30101/ar3kbdaddr.pst  
File: ar3k/30101/PS\_ASIC.pst  
File: ar3k/30101/RamPatch.txt  
File: ar3k/30000/ar3kbdaddr.pst  
File: ar3k/30000/PS\_ASIC.pst  
File: ar3k/30000/RamPatch.txt

Licence: Redistributable. See LICENCE.atheros\_firmware for details

-----  
Driver: ath6kl - Atheros support for AR6003

File: ath6k/AR6004/hw1.3/fw-3.bin  
File: ath6k/AR6004/hw1.3/bdata.bin  
File: ath6k/AR6004/hw1.2/fw-2.bin  
File: ath6k/AR6004/hw1.2/bdata.bin  
File: ath6k/AR6003/hw1.0/otp.bin.z77  
File: ath6k/AR6003/hw1.0/bdata.SD31.bin  
File: ath6k/AR6003/hw1.0/bdata.SD32.bin  
File: ath6k/AR6003/hw1.0/data.patch.bin  
File: ath6k/AR6003/hw1.0/bdata.WB31.bin  
File: ath6k/AR6003/hw1.0/athwlan.bin.z77  
File: ath6k/AR6003/hw2.1.1/fw-2.bin  
File: ath6k/AR6003/hw2.1.1/fw-3.bin  
File: ath6k/AR6003/hw2.1.1/otp.bin  
File: ath6k/AR6003/hw2.1.1/athwlan.bin  
File: ath6k/AR6003/hw2.1.1/endpointping.bin  
File: ath6k/AR6003/hw2.1.1/bdata.SD31.bin  
File: ath6k/AR6003/hw2.1.1/bdata.SD32.bin  
File: ath6k/AR6003/hw2.1.1/data.patch.bin  
File: ath6k/AR6003/hw2.1.1/bdata.WB31.bin  
File: ath6k/AR6003/hw2.0/otp.bin.z77  
File: ath6k/AR6003/hw2.0/bdata.SD31.bin  
File: ath6k/AR6003/hw2.0/bdata.SD32.bin  
File: ath6k/AR6003/hw2.0/data.patch.bin  
File: ath6k/AR6003/hw2.0/bdata.WB31.bin  
File: ath6k/AR6003/hw2.0/athwlan.bin.z77  
File: ath6k/AR6002/eeprom.data  
File: ath6k/AR6002/eeprom.bin  
File: ath6k/AR6002/athwlan.bin.z77

## Notice

File: ath6k/AR6002/data.patch.hw2\_0.bin

Licence: Redistributable. See LICENCE.atheros\_firmware for details

-----

Driver: ath10k - Qualcomm Atheros support for QCA988x family of chips

File: ath10k/QCA988X/hw2.0/board.bin

File: ath10k/QCA988X/hw2.0/firmware-4.bin

Version: 10.2.4.45

Licence: ath10k/QCA988X/hw2.0/notice\_ath10k\_firmware-4.txt

File: ath10k/QCA988X/hw2.0/firmware-5.bin

Version: 10.2.4.70.54

Licence: ath10k/QCA988X/hw2.0/notice\_ath10k\_firmware-5.txt

File: ath10k/QCA6174/hw2.1/board.bin

File: ath10k/QCA6174/hw2.1/board-2.bin

File: ath10k/QCA6174/hw2.1/firmware-5.bin

Version: SW\_RM.1.1.1-00157-QCARMSWPZ-1

Licence: ath10k/QCA6174/hw2.1/notice\_ath10k\_firmware-5.txt

File: ath10k/QCA6174/hw3.0/board.bin

File: ath10k/QCA6174/hw3.0/board-2.bin

File: ath10k/QCA6174/hw3.0/firmware-4.bin

Version: WLAN.RM.2.0-00180-QCARMSWPZ-1

Licence: ath10k/QCA6174/hw3.0/notice\_ath10k\_firmware-4.txt

File: ath10k/QCA9377/hw1.0/board.bin

File: ath10k/QCA9377/hw1.0/board-2.bin

File: ath10k/QCA9377/hw1.0/firmware-5.bin

Version: WLAN.TF.1.0-00267-1

Licence: ath10k/QCA9377/hw1.0/notice\_ath10k\_firmware-5.txt

File: ath10k/QCA99X0/hw2.0/board.bin

File: ath10k/QCA99X0/hw2.0/firmware-5.bin

Version: 10.4.1.00030-1

Licence: ath10k/QCA99X0/hw2.0/notice\_ath10k\_firmware-5.txt

File: ath10k/QCA4019/hw1.0/board-2.bin

File: ath10k/QCA4019/hw1.0/firmware-5.bin

Version: 10.4-3.2.1-00028

Licence: ath10k/QCA4019/hw1.0/notice\_ath10k\_firmware-5.txt

File: ath10k/QCA9887/hw1.0/board.bin

File: ath10k/QCA9887/hw1.0/firmware-5.bin

Version: 10.2.4-1.0-00013

## Notice

Licence: ath10k/QCA9887/hw1.0/notice\_ath10k\_firmware-5.txt

File: ath10k/QCA9888/hw2.0/board-2.bin

File: ath10k/QCA9888/hw2.0/firmware-5.bin

Version: 10.4-3.2-00072

Licence: ath10k/QCA9888/hw2.0/notice\_ath10k\_firmware-5.txt

File: ath10k/QCA9984/hw1.0/board-2.bin

File: ath10k/QCA9984/hw1.0/firmware-5.bin

Version: 10.4-3.2-00072

Licence: ath10k/QCA9984/hw1.0/notice\_ath10k\_firmware-5.txt

Licence: Redistributable. See LICENSE.QualcommAtheros\_ath10k for details

-----

Driver: myri10ge - Myri10GE 10GbE NIC driver

File: myri10ge\_eth\_z8e.dat

File: myri10ge\_ethp\_z8e.dat

File: myri10ge\_rss\_eth\_z8e.dat

File: myri10ge\_rss\_ethp\_z8e.dat

File: myri10ge\_eth\_big\_z8e.dat

File: myri10ge\_ethp\_big\_z8e.dat

File: myri10ge\_rss\_eth\_big\_z8e.dat

File: myri10ge\_rss\_ethp\_big\_z8e.dat

Version: 1.4.57

License: Redistributable. See LICENCE.myri10ge\_firmware for details.

-----

Driver: ath6kl - Atheros support for AR6003 WiFi-Bluetooth combo module

File: ath6k/AR6003.1/hw2.1.1/athwlan.bin

File: ath6k/AR6003.1/hw2.1.1/bdata.SD31.bin

File: ath6k/AR6003.1/hw2.1.1/bdata.SD32.bin

File: ath6k/AR6003.1/hw2.1.1/bdata.WB31.bin

File: ath6k/AR6003.1/hw2.1.1/data.patch.bin

File: ath6k/AR6003.1/hw2.1.1/endpointping.bin

File: ath6k/AR6003.1/hw2.1.1/otp.bin

License: Redistributable. See LICENCE.atheros\_firmware for details



## Notice

-----  
Driver: ath6kl - Atheros support for AR3001 WiFi-Bluetooth combo module

File: ar3k/30101coex/ar3kbdaddr.pst  
File: ar3k/30101coex/PS\_ASIC\_aclLowPri.pst  
File: ar3k/30101coex/PS\_ASIC\_aclHighPri.pst  
File: ar3k/30101coex/PS\_ASIC.pst  
File: ar3k/30101coex/RamPatch.txt

License: Redistributable. See LICENCE.atheros\_firmware for details  
-----

Driver: drxk - Micronas DRX-K demodulator driver

File: dvb-usb-terratec-h5-drxk.fw

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-----  
Driver: ene-ub6250 -- ENE UB6250 SD card reader driver

File: ene-ub6250/sd\_init1.bin  
File: ene-ub6250/sd\_init2.bin  
File: ene-ub6250/sd\_rdwr.bin  
File: ene-ub6250/ms\_init.bin  
File: ene-ub6250/msp\_rdwr.bin  
File: ene-ub6250/ms\_rdwr.bin

## Notice

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---

Driver: isci -- Intel C600 SAS controller driver

File: isci/isci\_firmware.bin

Source: isci/

Licence: GPLv2. See GPLv2 for details.

---

Driver: ar5523 -- Atheros AR5523 based USB Wifi dongles

File: ar5523.bin

Licence: Redistributable. See LICENCE.atheros\_firmware for details

---

Driver: s5p-mfc - Samsung MFC video encoder/decoder driver

File: s5p-mfc.fw

File: s5p-mfc-v6.fw

File: s5p-mfc-v6-v2.fw

File: s5p-mfc-v7.fw

File: s5p-mfc-v8.fw

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## Notice

Driver: carl9170 -- Atheros AR9170 802.11 draft-n USB driver

File: carl9170-1.fw

Version: 1.9.6

Source: carl9170fw/

Downloaded from <http://linuxwireless.org/en/users/Drivers/carl9170>

Licence: GPLv2. Some build scripts use the New BSD (3-clause) licence.. See GPL-2 for details.

-----

Driver: snd-hda-codec-ca0132 - Creative Sound Core3D codec

File: ctefx.bin

File: ctspeq.bin

Licence: Redistributable. See LICENCE.ca0132 for details

Found also in alsa-firmware package.

-----

Driver: btusb - Bluetooth USB driver

File: intel/ibt-hw-37.7.bseq

Version: 1316.02.00

File: intel/ibt-hw-37.7.10-fw-1.80.2.3.d.bseq

Version: BT\_WilkinsPeak\_B3\_REL\_86\_0001

File: intel/ibt-hw-37.7.10-fw-1.0.2.3.d.bseq

Version: BT\_WilkinsPeak\_B3\_REL\_86\_0001

File: intel/ibt-hw-37.7.10-fw-1.80.1.2d.d.bseq

Version: BT\_WilkinsPeak\_B5\_REL\_39\_0001

File: intel/ibt-hw-37.7.10-fw-1.0.1.2d.d.bseq

Version: BT\_WilkinsPeak\_B5\_REL\_39\_0001

File: intel/ibt-hw-37.8.bseq

Version: 1339\_02.00

File: intel/ibt-hw-37.8.10-fw-1.10.2.27.d.bseq

Version: BT\_StonePeak\_C0\_REL\_59\_0001

File: intel/ibt-hw-37.8.10-fw-1.10.3.11.e.bseq

## Notice

Version: BT\_StonePeak\_D0\_REL\_37\_0002  
File: intel/ibt-hw-37.8.10-fw-22.50.19.14.f.bseq  
Version: BT\_StonePeak\_D1\_REL\_25\_0001  
File: intel/ibt-11-5.ddc  
Version: LnP/SfP\_REL0351  
File: intel/ibt-11-5.sfi  
Version: BT\_LightningPeak\_REL0351  
File: intel/ibt-12-16.ddc  
Version: BT\_WindStormPeak\_REL0082  
File: intel/ibt-12-16.sfi  
Version: BT\_WindStormPeak\_REL0082

Licence: Redistributable. See LICENCE.ibt\_firmware for details

File: rtl\_bt/rtl8192ee\_fw.bin  
File: rtl\_bt/rtl8192eu\_fw.bin  
File: rtl\_bt/rtl8723a\_fw.bin  
File: rtl\_bt/rtl8723b\_fw.bin  
File: rtl\_bt/rtl8761a\_fw.bin  
File: rtl\_bt/rtl8812ae\_fw.bin  
File: rtl\_bt/rtl8821a\_fw.bin  
File: rtl\_bt/rtl8822b\_fw.bin  
File: rtl\_bt/rtl8822b\_config.bin

Licence: Redistributable. See LICENCE.rtlwifi\_firmware.txt for details.

Found in vendor driver, linux\_bt\_usb\_2.11.20140423\_8723be.rar  
From [https://github.com/troy-tan/driver\\_store](https://github.com/troy-tan/driver_store)  
Files rtl\_bt/rtl8822b\_\* came directly from Realtek.

-----  
Driver: btmnk\_usb - Bluetooth USB driver

File: mt7650.bin

Licence: Redistributable. See LICENCE.ralink\_a\_mEDIATEK\_company\_firmware for details

-----  
Driver: rp2 -- Control RocketPort 2 serial driver

## Notice

File: rp2.fw

Licence: Redistributable.

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Driver: go7007

File: go7007/s2250-1.fw

File: go7007/s2250-2.fw

Link: s2250.fw -> go7007/s2250-2.fw

Link: s2250\_loader.fw -> go7007/s2250-1.fw

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File: go7007/go7007fw.bin

File: go7007/go7007tv.bin

File: go7007/lr192.fw

File: go7007/px-m402u.fw

File: go7007/px-tv402u.fw

File: go7007/wis-startrek.fw

## Notice

Licence: Redistributable. See [LICENCE.go7007](#) for details

---

Driver: microcode\_amd - AMD CPU Microcode Update Driver for Linux

File: amd-ucode/microcode\_amd.bin

Version: 2013-07-10

File: amd-ucode/microcode\_amd\_fam15h.bin

Version: 2016-03-16

File: amd-ucode/microcode\_amd\_fam16h.bin

Version: 2014-10-28

License: Redistributable. See [LICENSE.amd-ucode](#) for details

---

Driver: mxu11x0 - MOXA UPort 11x0 USB Serial hub driver

File: moxa/moxa-1110.fw

File: moxa/moxa-1130.fw

File: moxa/moxa-1131.fw

File: moxa/moxa-1150.fw

File: moxa/moxa-1151.fw

License: Redistributable. See [LICENCE.moxa](#) for details

---

Driver: mxuport - MOXA UPort USB Serial hub driver

File: moxa/moxa-1250.fw

File: moxa/moxa-1251.fw

File: moxa/moxa-1410.fw

File: moxa/moxa-1450.fw

File: moxa/moxa-1451.fw

File: moxa/moxa-1613.fw

File: moxa/moxa-1618.fw

File: moxa/moxa-1653.fw

File: moxa/moxa-1658.fw

## Notice

License: Redistributable. See LICENCE.moxa for details

---

Driver: cw1200 - ST-E CW1100/CW1200 WLAN driver

File: wsm\_22.bin

Version: WSM395

Licence: Redistributable. See LICENCE.cw1200 for details.

File: sdd\_sagrad\_1091\_1098.bin

License:

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(Please note that the actual device firmware is separately licensed)

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Driver: BFA/BNA - QLogic BR-series Adapter FC/FCOE drivers

File: cbfw-3.2.1.1.bin

File: ctfw-3.2.1.1.bin

File: ct2fw-3.2.1.1.bin

File: cbfw-3.2.3.0.bin

File: ctfw-3.2.3.0.bin

File: ct2fw-3.2.3.0.bin

File: cbfw-3.2.5.1.bin

File: ctfw-3.2.5.1.bin

File: ct2fw-3.2.5.1.bin

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-----  
Driver: qat - Intel(R) QAT crypto accelerator

File: qat\_895xcc.bin

File: qat\_895xcc\_mmp.bin

File: qat\_c3xxx.bin

File: qat\_c3xxx\_mmp.bin

File: qat\_c62x.bin

File: qat\_c62x\_mmp.bin

Link: qat\_mmp.bin -> qat\_895xcc\_mmp.bin

Licence: Redistributable. See LICENCE.qat\_firmware for details  
-----

Driver: rsi -- Redpine Signals Inc 91x driver

File: rsi\_91x.fw

Licence:

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- \* Copyright (C) 2014 Redpine Signals Inc.



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Driver: xhci-rcar -- Renesas R-Car Gen2/3 USB 3.0 host controller driver

File: r8a779x\_usb3\_v1.dlmem

File: r8a779x\_usb3\_v2.dlmem

File: r8a779x\_usb3\_v3.dlmem

Licence: Redistributable. See LICENCE.r8a779x\_usb3 for details.

-----

Driver: snd\_soc\_sst\_acpi

File: intel/fw\_sst\_0f28.bin-48kHz\_i2s\_master

License: Redistributable. See LICENCE.fw\_sst\_0f28 for details

-----

Driver: as102 - Abilis Systems Single DVB-T Receiver

File: as102\_data1\_st.hex

File: as102\_data2\_st.hex

License: Redistributable. See LICENCE.Abilis for details

-----

Driver: it9135 -- ITEtech IT913x DVB-T USB driver

File: dvb-usb-it9135-01.fw

File: dvb-usb-it9135-02.fw

Licence: Redistributable. See LICENCE.it913x for details

## Notice

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Driver: snd\_soc\_sst\_acpi

File: intel/IntcSST2.bin

Version: 8.4.1.77

License: Redistributable. See LICENCE.IntcSST2 for details

---

Driver: snd\_intel\_sst\_core

File: intel/fw\_sst\_0f28.bin

File: intel/fw\_sst\_0f28\_ssp0.bin

License: Redistributable. See LICENCE.fw\_sst\_0f28 for details

---

Driver: snd\_intel\_sst\_core

File: intel/fw\_sst\_22a8.bin

Version: 01.0B.02.02

License: Redistributable. See LICENCE.fw\_sst\_0f28 for details

---

Driver: snd-soc-skl

File: intel/dsp\_fw\_release\_v827.bin

Version: 8.20.00.927

File: intel/dsp\_fw\_release\_v869.bin

Version: 8.20.00.869

File: intel/dsp\_fw\_release\_v896.bin

Version: 8.20.00.896

File: intel/dsp\_fw\_release\_v927.bin

Version: 8.20.00.927

File: intel/dsp\_fw\_release\_v948.bin

Version: 8.20.00.948

## Notice

File: intel/dsp\_fw\_release\_v951.bin  
Version: 8.20.00.951  
File: intel/dsp\_fw\_release\_v958.bin  
Version: 8.20.00.958  
Link: intel/dsp\_fw\_release.bin -> dsp\_fw\_release\_v958.bin

License: Redistributable. See LICENCE.adsp\_sst for details

File: intel/dsp\_fw\_bxtn\_v430.bin  
Version: 9.00.00.430  
File: intel/dsp\_fw\_bxtn\_v702.bin  
Version: 9.00.00.702  
File: intel/dsp\_fw\_bxtn\_v1118.bin  
Version: 9.22.00.1118  
Link: intel/dsp\_fw\_bxtn.bin -> dsp\_fw\_bxtn\_v1118.bin

License: Redistributable. See LICENCE.adsp\_sst for details

File: intel/dsp\_fw\_kbl\_v701.bin  
Version: 9.21.00.701  
File: intel/dsp\_fw\_kbl\_v1037.bin  
Version: 09.21.00.1037  
Link: intel/dsp\_fw\_kbl.bin -> dsp\_fw\_kbl\_v1037.bin

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-----  
Driver: smsmdtv - Siano MDTV Core module

File: cmmb\_vega\_12mhz.inp  
File: cmmb\_venice\_12mhz.inp  
File: dvb\_nova\_12mhz.inp  
File: dvb\_nova\_12mhz\_b0.inp  
File: isdbt\_nova\_12mhz.inp  
File: isdbt\_nova\_12mhz\_b0.inp  
File: isdbt\_rio.inp  
File: smslxxx-hcw-55xxx-dvbt-02.fw  
File: smslxxx-hcw-55xxx-isdbt-02.fw  
File: smslxxx-nova-a-dvbt-01.fw  
File: smslxxx-nova-b-dvbt-01.fw

## Notice

File: sms1xxx-stellar-dvbt-01.fw  
File: tdmn\_nova\_12mhz.inp

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Driver: xhci-tegra -- NVIDIA Tegra XHCI driver

File: nvidia/tegra124/xusb.bin  
Version: v45.46

File: nvidia/tegra210/xusb.bin  
Version: v50.10

Licence: Redistributable. See LICENCE.nvidia for details

---

Driver: atusb - ATUSB IEEE 802.15.4 transceiver driver

File: atusb/atusb-0.2.dfu  
Version: 0.2  
Info: atusb/ChangeLog

Licence: GPLv2 or later. See GPL-2 and GPL-3 for details.

---

Driver: qca - Qualcomm Atheros Bluetooth support for QCA61x4 chips

File: qca/nvm\_usb\_00000201.bin  
File: qca/nvm\_usb\_00000200.bin  
File: qca/nvm\_usb\_00000300.bin  
File: qca/nvm\_usb\_00000302.bin  
File: qca/nvm\_00130300.bin  
File: qca/nvm\_00130302.bin  
File: qca/rampatch\_usb\_00000200.bin  
File: qca/rampatch\_usb\_00000201.bin  
File: qca/rampatch\_usb\_00000300.bin  
File: qca/rampatch\_usb\_00000302.bin

## Notice

File: qca/rampatch\_00130300.bin

File: qca/rampatch\_00130302.bin

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-----

Driver: liquidio -- Cavium LiquidIO driver

File: liquidio/lio\_210nv\_nic.bin

Version: v1.1.9

File: liquidio/lio\_210sv\_nic.bin

Version: v1.1.9

File: liquidio/lio\_410nv\_nic.bin

Version: v1.1.9

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Driver: i915 -- Intel Integrated Graphics driver

File: i915/skl\_dmc\_ver1\_23.bin

File: i915/skl\_dmc\_ver1\_26.bin

File: i915/skl\_dmc\_ver1.bin

Version: DMC API/ABI ver 1 - release 26 for Skylake

File: i915/bxt\_dmc\_ver1\_07.bin

File: i915/bxt\_dmc\_ver1.bin

Version: DMC API/ABI ver 1 - release 07 for Broxton

File: i915/kbl\_dmc\_ver1\_01.bin

File: i915/kbl\_dmc\_ver1.bin

Version: DMC API/ABI ver 1 - release 01 for Kabylake

File: i915/skl\_guc\_ver1.bin

Version: Guc API/ABI ver 1 - release 1059 for Skylake

File: i915/skl\_guc\_ver4.bin

## Notice

Version: Guc API/ABI ver 4 - release 3 for Skylake

File: i915/skl\_guc\_ver6\_1.bin

File: i915/skl\_guc\_ver6.bin

Version: Guc API/ABI ver 6 - release 1 for Skylake

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-----  
Driver: nouveau - NVIDIA GPU driver

File: nvidia/gk20a/fecs\_data.bin

File: nvidia/gk20a/fecs\_inst.bin

File: nvidia/gk20a/gpccs\_data.bin

File: nvidia/gk20a/gpccs\_inst.bin

File: nvidia/gk20a/sw\_bundle\_init.bin

File: nvidia/gk20a/sw\_ctx.bin

File: nvidia/gk20a/sw\_method\_init.bin

File: nvidia/gk20a/sw\_nonctx.bin

File: nvidia/gm200/acr/bl.bin

File: nvidia/gm200/acr/ucode\_load.bin

File: nvidia/gm200/acr/ucode\_unload.bin

File: nvidia/gm200/gr/fecs\_bl.bin

File: nvidia/gm200/gr/fecs\_data.bin

File: nvidia/gm200/gr/fecs\_inst.bin

File: nvidia/gm200/gr/fecs\_sig.bin

File: nvidia/gm200/gr/gpccs\_bl.bin

File: nvidia/gm200/gr/gpccs\_data.bin

File: nvidia/gm200/gr/gpccs\_inst.bin

File: nvidia/gm200/gr/gpccs\_sig.bin

File: nvidia/gm200/gr/sw\_bundle\_init.bin

File: nvidia/gm200/gr/sw\_ctx.bin

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File: nvidia/gm204/acr/ucode\_load.bin

File: nvidia/gm204/acr/ucode\_unload.bin

File: nvidia/gm204/gr/fecs\_bl.bin

File: nvidia/gm204/gr/fecs\_data.bin

File: nvidia/gm204/gr/fecs\_inst.bin

File: nvidia/gm204/gr/fecs\_sig.bin  
 File: nvidia/gm204/gr/gpccs\_bl.bin  
 File: nvidia/gm204/gr/gpccs\_data.bin  
 File: nvidia/gm204/gr/gpccs\_inst.bin  
 File: nvidia/gm204/gr/gpccs\_sig.bin  
 File: nvidia/gm204/gr/sw\_bundle\_init.bin  
 File: nvidia/gm204/gr/sw\_ctx.bin  
 File: nvidia/gm204/gr/sw\_method\_init.bin  
 File: nvidia/gm204/gr/sw\_nonctx.bin  
 File: nvidia/gm206/acr/bl.bin  
 File: nvidia/gm206/acr/ucode\_load.bin  
 File: nvidia/gm206/acr/ucode\_unload.bin  
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 File: nvidia/gm206/gr/sw\_bundle\_init.bin  
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 File: nvidia/gm20b/acr/bl.bin  
 File: nvidia/gm20b/acr/ucode\_load.bin  
 File: nvidia/gm20b/gr/fecs\_bl.bin  
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File: nvidia/gp100/gr/sw\_method\_init.bin  
File: nvidia/gp100/gr/sw\_nonctx.bin

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Driver: wilc1000 - Atmel 802.11n WLAN driver for WILC1000

File: atmel/wilc1000\_fw.bin  
File: atmel/wilc1000\_ap\_fw.bin  
File: atmel/wilc1000\_p2p\_fw.bin

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Driver: hfi1 - Intel OPA Gen 1 adapter

File: hfi1\_dc8051.fw  
Version: 0.35  
File: hfi1\_fabric.fw  
File: hfi1\_pcie.fw  
File: hfi1\_sbus.fw  
File: hfi1\_platform.dat

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Driver: knav\_qmss\_queue - TI Keystone 2 QMSS driver

File: ti-keystone/ks2\_qmss\_pdsp\_acc48\_k2\_le\_1\_0\_0\_9.bin



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Driver: mwlfwifi - Marvell mac80211 driver for 80211ac cards.

File: mwlfwifi/88W8864.bin

Version: 7.2.8.6

File: mwlfwifi/88W8897.bin

Version: 8.2.0.10

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Driver: mtk-vpu - Mediatek VPU video processing unit driver

File: vpu\_d.bin

File: vpu\_p.bin

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Driver: rk3399-dptx - ROCKCHIP rk3399 dptx firmware

File: rockchip/dptx.bin

Version: 3.1

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The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.

## Notice

1. [1]Mark Andrews <marka@syd.dms.csiro.au> Leitch atomic clock controller
2. [2]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial line and PCI-bus devices
3. [3]Viraj Bais <vbais@mailman1.intel.com> and [4]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
4. [5]Michael Barone <michael,barone@lmco.com> GPSVME fixes
5. [6]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
6. [7]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
7. [8]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
8. [9]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
9. [10]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
10. [11]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
11. [12]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
12. [13]Sven Dietrich <sven\_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
13. [14]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
14. [15]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
15. [16]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
16. [17]Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
17. [18]Mike Iglesias <iglesias@uci.edu> DEC Alpha port
18. [19]Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
19. [20]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul
20. [21]Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or [22]<H.Lambermont@chello.nl> ntpswEEP
21. [23]Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
22. [24]Frank Kardel [25]<Frank.Kardel@informatik.uni-erlangen.de>  
  
    PARSE <GENERIC> driver (14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup
23. [26]William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
24. [27]Dave Katz <dkatz@cisco.com> RS/6000 AIX port
25. [28]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
26. [29]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
27. [30]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
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- 30. [33]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
- 31. [34]Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility
- 32. [35]Tom Moore <tmoore@fieval.daytonoh.ncr.com> i386 svr4 port
- 33. [36]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
- 34. [37]Derek Mulcahy <derek@toybox.demon.co.uk> and [38]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
- 35. [39]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
- 36. [40]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
- 37. [41]Wilfredo Sánchez <wsanchez@apple.com> added support for NetInfo
- 38. [42]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
- 39. [43]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
- 40. [44]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
- 41. [45]Michael Shields <shields@tembel.org> USNO clock driver
- 42. [46]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
- 43. [47]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
- 44. [48]Kenneth Stone <ken@sdd.hp.com> HP-UX port
- 45. [49]Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support
- 46. [50]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver
- 47. [51]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
- 48. [52]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

---

[53]gif

[54]David L. Mills <mills@udel.edu>

#### References

- 1. mailto:marka@syd.dms.csiro.au
- 2. mailto:altmeier@atlsoft.de
- 3. mailto:vbais@mailman1.intel.co
- 4. mailto:kirkwood@striderfm.intel.com
- 5. mailto:michael.barone@lmco.com
- 6. mailto:karl@owl.HQ.ileaf.com
- 7. mailto:greg.brackley@bigfoot.com
- 8. mailto:Marc.Brett@westgeo.com
- 9. mailto:Piete.Brooks@cl.cam.ac.uk

10. <mailto:reg@dwf.com>
11. <mailto:clift@ml.csiro.au>
12. <mailto:casey@csc.co.za>
13. [mailto:Sven\\_Dietrich@trimble.COM](mailto:Sven_Dietrich@trimble.COM)
14. <mailto:dundas@salt.jpl.nasa.gov>
15. <mailto:duwe@immd4.informatik.uni-erlangen.de>
16. <mailto:dennis@mrbill.canet.ca>
17. <mailto:glenn@herald.usask.ca>
18. <mailto:iglesias@uci.edu>
19. <mailto:jagubox.gsfc.nasa.gov>
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25. <mailto:Frank.Kardel@informatik.uni-erlangen.de>
26. <mailto:jones@hermes.chpc.utexas.edu>
27. <mailto:dkatz@cisco.com>
28. <mailto:leres@ee.lbl.gov>
29. <mailto:lindholm@ucs.ubc.ca>
30. <mailto:louie@ni.umd.edu>
31. <mailto:thorinn@diku.dk>
32. <mailto:mills@udel.edu>
33. <mailto:moeller@gwdgv1.dnet.gwdg.de>
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44. <mailto:schnitz@unipress.com>
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46. <mailto:pebbles.jpl.nasa.gov>
47. <mailto:harlan@pfcs.com>
48. <mailto:ken@sdd.hp.com>
49. <mailto:ajit@ee.udel.edu>
50. <mailto:tsuruoka@nc.fukuoka-u.ac.jp>

## Notice

- 51. <mailto:vixie@vix.com>
- 52. <mailto:Ulrich.Windl@rz.uni-regensburg.de>
- 53. <file:///localhost/backroom/ntp-stable/html/index.htm>
- 54. <mailto:mills@udel.edu>

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2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
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2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
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2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
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A C-program for MT19937, with initialization improved 2002/1/26. Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)` or `init_by_array(init_key, key_length)`.

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## Sockets

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Independent implementation of MD5 ([RFC 1321](#)).

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The original and principal author of md5.h is L. Peter Deutsch <[ghost@aladdin.com](mailto:ghost@aladdin.com)>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed

```
references to Ghostscript; clarified derivation from RFC 1321;  
now handles byte order either statically or dynamically.
```

1999-11-04 lpd Edited comments slightly for automatic TOC extraction. 1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5);

```
added conditionalization for C++ compilation from Martin  
Purschke <purschke@bnl.gov>.
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1999-05-03 lpd Original version.

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Modified by Jack Jansen, CWI, July 1995: - Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though. - Arguments more compliant with Python standard

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### ♦ Python - 3.3.3

#### A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Release	Derived compatible?	Year (1)	Owner	GPLfrom
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
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2.3.4	2.3.3	2004	PSF	yes
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2.4	2.3	2004	PSF	yes
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2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
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2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
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2.6.1	2.6	2008	PSF	yes
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2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
3.2.1	3.2	2011	PSF	yes
3.2.2	3.2.1	2011	PSF	yes
3.2.3	3.2.2	2012	PSF	yes

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