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https://github.com/stevegrubb/libcap-ng/blob/master/libcap-ng.spec

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https://github.com/Distrotech/libdaemon/blob/distrotech-libdaemon/Makefile.in

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https://libdb.org/docs/db/5.3.21/gsg/CXX/index.html

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https://github.com/aleksander0m/libdrm/blob/master/libdrm lists.h

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libverto 0.3.2

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libxcrypt 4.4.18

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libxmlb 0.3.10

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libyaml 0.2.5

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libzfs5 2.2.4

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File: ess/maestro3_assp_kernel.fw File: ess/maestro3_assp_minisrc.fw

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Found in alsa-firmware package in hex form with a comment claiming to be GPLv2+, but without source -- and with another comment saying "ESS drops binary dsp code images on our heads, but we don't get to see specs on the dsp."

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

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File: yamaha/ds1_ctrl.fw File: yamaha/ds1_dsp.fw File: yamaha/ds1e ctrl.fw

Licence: Unknown

Found alsa-firmware package in hex form, with the following comment: Copyright (c) 1997-1999 Yamaha Corporation. All Rights Reserved.

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.

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

File: qlogic/1040.bin File: qlogic/1280.bin File: qlogic/12160.bin

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

QLOGIC LINUX SOFTWARE

QLogic ISP1280/ device driver for Linux 2.2.x and 2.4.x Copyright (C) 2001 Qlogic Corporation (www.qlogic.com)

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

File: tr_smctr.bin Version: 6.3C1

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

Original licence info:

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* with the use of SMC TokenRing adapters. There is no waranty

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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

Licence: Unknown

Found in hex form in the kernel source.

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

File: ttusb-budget/dspbootcode.bin

Licence: Unknown

Found in hex form in the kernel source.

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 File: keyspan/usa28x.fw File: keyspan/usa49w.fw

File: keyspan/usa49wlc.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

Licence: GPLv2+

Compiled from original 8051 source into Intel HEX, used in our binary ihex form.

Driver: emi26 -- EMI 2|6 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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Original licence information:

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*/

.....

Driver: emi62 -- EMI 6|2m USB Audio interface

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

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

File: emi62/midi.fw

Source: EMI62MFW.HEX

Version: 1.04.062

Info: DATE=16.10.2002

File: emi62/spdif.fw Source: EMI62SFW.HEX Version: 1.04.062

Info: DATE=16.10.2002

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

Original licence information: None

Driver: ti usb 3410 5052 -- USB TI 3410/5052 serial device

File: ti 3410.fw

Info: firmware 9/10/04 FW3410 Special StartWdogOnStartPort

File: ti 5052.fw

Info: firmware 9/18/04

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

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Found in hex form in kernel source. Driver: ti usb 3410 5052 -- Multi-Tech USB cell modems File: mts cdma.fw File: mts gsm.fw File: mts edge.fw Licence: "all firmware components are redistributable in binary form" per support@multitech.com Copyright (C) 2005 Multi-Tech Systems, Inc. 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 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

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

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File: edgeport/down2.fw

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:
//* 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.
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
DSP56001 assembler, buildable with a56 from
http://www.zdomain.com/a56.html
Driver: snd-sb16-csp - Sound Blaster 16/AWE CSP support
```

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```
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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: 5.08.00 MID
File: ql2500 fw.bin
Version: 5.08.00 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
File: ar9170-1.fw
File: ar9170-2.fw
Licence: Redistributable. See LICENCE.atheros firmware for details
```

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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

File: htc_7010.fw Version: 1.3

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Driver: cassini - Sun Cassini

File: sun/cassini.bin

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Driver: slicoss - Alacritech IS-NIC products

File: slicoss/gbdownload.sys File: slicoss/gbrcvucode.sys

File: slicoss/oasisdbgdownload.sys File: slicoss/oasisdownload.sys File: slicoss/oasisrcvucode.sys

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Driver: sxg - Alacritech IS-NIC products

File: sxg/saharadownloadB.sys File: sxg/saharadbgdownloadB.sys

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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

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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: tg3 -- Broadcom Tigon3 based gigabit Ethernet cards

File: tigon/tg3.bin File: tigon/tg3_tso.bin File: tigon/tg3_tso5.bin

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Driver: starfire - Adaptec Starfire/DuraLAN support

File: adaptec/starfire_rx.bin File: adaptec/starfire_tx.bin

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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

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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.bi

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

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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/sd8688.bin

File: libertas/sd8688_helper.bin File: libertas/usb8388_v5.bin File: libertas/usb8388_v9.bin File: libertas/usb8682.bin

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

File: libertas/lbtf sdio.bin

Version: 9.0.7.p4

File: lbtf_usb.bin Version: 5.132.3.p1

File: libertas/usb8388 olpc.bin

Version: 5.110.22.p23

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

Driver: mwl8k - Marvell Libertas softmac-type 802.11b/g cards

File: mwl8k/fmimage_8687.fw File: mwl8k/helper_8687.fw File: mwl8k/fmimage_8366.fw File: mwl8k/fmimage_8366_ap-1.fw File: mwl8k/fmimage_8366_ap-2.fw

File: mwl8k/helper 8366.fw

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directly by Marvell.

Driver: mwifiex - Marvell Wi-Fi fullmac-type 802.11n card

File: mrvl/sd8787 uapsta.bin

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Version: 14.66.9.p96

File: mrvl/usb8797 uapsta.bin

Version: 14.69.11.p179

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http://git.marvell.com/?p=mwifiex-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

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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

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Also available from http://intellinuxwireless.org/?n=Downloads

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

File: v41-cx231xx-avcore-01.fw

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Driver: tehuti - Tehuti Networks 10G Ethernet

File: tehuti/bdx.bin

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Driver: typhoon - 3cr990 series Typhoon

File: 3com/typhoon.bin

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Driver: yam - YAM driver for AX.25

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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. * This firmware is licensed to you strictly for use in conjunction * with the use of 3Com 3C359 TokenRing adapters. There is no * waranty expressed or implied about its fitness for any purpose. /* 3c359 microcode.mac: 3Com 3C359 Tokenring microcode. * - 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/src/LA-PCM.cis Source: cis/src/PCMLM28.cis Source: cis/src/DP83903.cis Source: cis/src/NE2K.cis Source: cis/src/tamarack.cis

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Source: cis/src/PE-200.cis Source: cis/src/PE520.cis

Licence: Dual GPLv2/MPL

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Driver: 3c589 cs - 3Com PCMCIA adapter

File: cis/3CXEM556.cis

Source: cis/src/3CXEM556.cis

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Driver: 3c574 cs - 3Com PCMCIA adapter

File: cis/3CCFEM556.cis

Source: cis/src/3CCFEM556.cis

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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

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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)

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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: v41-cx23885-avcore-01.fw File: v41-cx23885-enc.fw

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Driver: cx23840 - Conexant sideport Broadcast A/V decoder

File: v41-cx25840.fw

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Driver: qlogicpti - PTI Qlogic, ISP Driver

File: qlogic/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-e1h-5.2.13.0.fw

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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

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Found in hex form in kernel source.

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

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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 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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Found in hex form in kernel source.

Driver: netxen_nic - NetXen Multi port (1/10) Gigabit Ethernet NIC

File: phanfw.bin
Version: 4.0.588

Licence: Redistributable. See LICENCE.phanfw for details.

Driver: dvb-ttpci -- AV7110 cards

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

Licence: GPLv2 or later

ARM assembly source code from http://www.linuxtv.org/downloads/firmware/Boot.S

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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:

Copyright (c) 1998-2002 by Paul Davis <pbd@op.net>

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

File: rt2860.bin File: rt3290.bin

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

Binary file supplied by Shiang Tu <shiang_tu@ralinktech.com>. Firmware Version 34 rt3290.bin is a specific firmware support the RT3290 chip. Firmware Version 37

Driver: rt2860sta - Ralink RT3090 wireless MACs

File: rt3090.bin

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

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This is a link to rt2860.bin for compatibility. Driver: rt2800usb - Ralink RT2870, RT3070, RT3071, RT3072, RT5370 wireless MACs File: rt2870.bin Licence: Redistributable. See LICENCE.ralink-firmware.txt for details Binary file supplied by Shiang Tu <shiang tu@ralinktech.com>. Firmware Version 29 Driver: rt2870sta - Ralink RT2870, RT3070, RT3071 wireless MACs File: rt3070.bin File: rt3071.bin Licence: Redistributable. See LICENCE.ralink-firmware.txt for details rt3070.bin is a link to rt2870.bin for compatibility. 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/fx2-include.asm Source: usbdux/usbduxfast firmware.asm Source: usbdux/usbdux firmware.asm Source: usbdux/usbduxsigma firmware.asm Licence: GPLv2. See source code in usbdux/ subdirectory. Provided from the author, Bernd Porr <BerndPorr@f2s.com> Driver: xc5000 - Xceive 5000 Tuner driver

File: dvb-fe-xc5000-1.6.114.fw

Licence: Redistributable. See LICENCE.xc5000 for details

Version: 1.6.114

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Driver: dib0700 - DiBcom dib0700 USB DVB bridge driver

File: dvb-usb-dib0700-1.20.fw

Version: 1.20

Licence: Redistributable. See LICENCE.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 LICENCE.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.

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Driver: r128 - ATI Rage 128

File: r128/r128 cce.bin

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Found in decimal form in kernel source.

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/R8600_cp.bin
File: radeon/R8690_cp.bin
File: radeon/R520_cp.bin
File: radeon/R600_pfp.bin
File: radeon/R600_me.bin
File: radeon/RV610_pfp.bin
File: radeon/RV630_pfp.bin
File: radeon/RV630_pfp.bin
File: radeon/RV630_me.bin
File: radeon/RV630_me.bin
File: radeon/RV630_me.bin
File: radeon/RV620_pfp.bin
File: radeon/RV620_pfp.bin
File: radeon/RV620_me.bin

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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_pfp.bin File: radeon/RV710_me.bin

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Found in hex form in kernel source.

Driver: radeon - ATI Radeon

File: radeon/R600_rlc.bin File: radeon/R700_rlc.bin File: radeon/CEDAR_me.bin File: radeon/CEDAR_pfp.bin File: radeon/CEDAR_rlc.bin File: radeon/CYPRESS_me.bin File: radeon/CYPRESS_pfp.bin File: radeon/CYPRESS_rlc.bin

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File: radeon/JUNIPER me.bin File: radeon/JUNIPER pfp.bin File: radeon/JUNIPER rlc.bin File: radeon/REDWOOD me.bin File: radeon/REDWOOD pfp.bin File: radeon/REDWOOD rlc.bin File: radeon/PALM me.bin File: radeon/PALM pfp.bin File: radeon/SUMO rlc.bin File: radeon/BARTS mc.bin File: radeon/BARTS me.bin File: radeon/BARTS pfp.bin File: radeon/BTC rlc.bin File: radeon/CAICOS mc.bin File: radeon/CAICOS me.bin File: radeon/CAICOS pfp.bin File: radeon/TURKS mc.bin File: radeon/TURKS me.bin File: radeon/TURKS pfp.bin File: radeon/CAYMAN mc.bin File: radeon/CAYMAN me.bin File: radeon/CAYMAN pfp.bin File: radeon/CAYMAN rlc.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 me.bin File: radeon/PITCAIRN pfp.bin File: radeon/PITCAIRN rlc.bin File: radeon/TAHITI ce.bin File: radeon/TAHITI mc.bin File: radeon/TAHITI me.bin File: radeon/TAHITI pfp.bin File: radeon/TAHITI rlc.bin File: radeon/VERDE ce.bin File: radeon/VERDE mc.bin File: radeon/VERDE me.bin File: radeon/VERDE pfp.bin

Licence: Redistributable. See LICENSE.radeon for details.

Driver: s2255drv

File: radeon/VERDE rlc.bin

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File: f2255usb.bin File: s2250_loader.fw

File: s2250.fw

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Driver: rtl8192e - Realtek 8192 PCI wireless driver

File: RTL8192E/*

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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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 File: ueagle-atm/CMVepES.bin

File: ueagle-atm/CMVepWO.bin

File: ueagle-atm/eagleI.fw

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File: ueagle-atm/CMVei.bin File: ueagle-atm/CMVepFR04.bin File: ueagle-atm/DSP9i.bin

File: ueagle-atm/eagleII.fw

Version: 1.1

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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

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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.

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

File: brcm/bcm4329-fullmac-4.bin File: brcm/brcmfmac43236b.bin File: brcm/brcmfmac4329.bin File: brcm/brcmfmac4330.bin File: brcm/brcmfmac4334.bin

Licence: Redistributable. See LICENCE.broadcom bcm43xx for details.

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

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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.

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Driver: w112xx - 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: 6.3.10.2.115 (Single-role) File: ti-connectivity/wl127x-fw-5-mr.bin

Version: 6.5.7.0.27 (Multi-role)

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

Version: 6.3.10.2.115 (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: 7.3.10.2.115 (Single-role)

File: ti-connectivity/wl128x-fw-5-mr.bin

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Version: 7.5.7.0.27 (Multi-role)

File: ti-connectivity/wl128x-fw-5-plt.bin

Version: 7.3.10.2.115 (PLT-only)

File: ti-connectivity/wl127x-nvs.bin File: ti-connectivity/wl128x-nvs.bin

sl: ti-connectivity/wl12xx-nvs.bin -> wl127x-nvs.bin sl: ti-connectivity/wl1271-nvs.bin -> wl127x-nvs.bin

Licence: 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 hava a unique NVS which is properly calibrated for best results. You can find more information about NVS generation for your device here:

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

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

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TIInit 7.2.31.bts version 7.2.31

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

Driver: tlg2300 - Telgent 2300 V4L/DVB driver.

File: tlg2300 firmware.bin

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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

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Driver: rtl8192ce - Realtek 802.11n WLAN driver for RTL8192CE

File: rtlwifi/rtl8192cfw.bin File: rtlwifi/rtl8192cfwU.bin File: rtlwifi/rtl8192cfwU_B.bin

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Driver: rtl8192cu - Realtek 802.11n WLAN driver for RTL8192CU

File: rtlwifi/rtl8192cufw.bin

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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

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Driver: rtl8192de - Realtek 802.11n WLAN driver for RTL8192DE

Info: updated from Realtek version rtl 92ce 92se 92de linux mac80211 0004.0816.2011

File: rtlwifi/rtl8192defw.bin

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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

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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/rtl8402-1.fw

Version: 0.0.1

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File: rtl nic/rtl8106e-1.fw

Version: 0.0.1

File: rtl nic/rtl8168g-1.fw

Version: 0.0.3

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Driver: vt6656 - VIA VT6656 USB wireless driver

File: vntwusb.fw

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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/AthrBT_0x11020000.dfu
File: ar3k/AthrBT_0x01020201.dfu
File: ar3k/AthrBT_0x01020201.dfu
File: ar3k/ramps_0x01020201.dfu

File: ar3k/ramps_0x01020201 40.dfu

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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 File: ar3k/30101/ar3kbdaddr.pst

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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

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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 File: ath6k/AR6002/data.patch.hw2 0.bin

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Driver: myri10ge - Myri10GE 10GbE NIC driver

File: myri10ge_eth_z8e.dat File: myri10ge_ethp_z8e.dat File: myri10ge_rss_eth_z8e.dat

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File: myri10ge rss ethp z8e.dat

Version: 1.4.52

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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

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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

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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

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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

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Driver: isci -- Intel C600 SAS controller driver

File: isci/isci_firmware.bin Source: isci/create_fw.c Source: isci/create_fw.h Source: isci/probe_roms.h Source: isci/Makefile

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Driver: ar5523 -- Atheros AR5523 based USB Wifi dongles

File: ar5523.bin

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

File: s5p-mfc/s5p-mfc.fw File: s5p-mfc/s5p-mfc-v6.fw

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lmdb-libs 0.9.29

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1z4-libs 1.9.3

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*/

mpfr 4.1.0

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Paul Zimmermann Main author

Sylvie Boldo Original version of agm.c and log.c Jean-Luc Rémy Original version of zeta.c

Emmanuel Jeandel Original version of exp3.c, const pi.c, sincos.c

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NetworkMana ger 1.53.4

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nftables 1.0.9

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npth 1.6

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Package: npth

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- Design and implementation.

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oniguruma 6.9.6

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openIdap 2.6.8

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- IDEA is no longer included, its use is deprecated
- DES is now external, in the OpenSSL library
- GMP is no longer used, and instead we call BN code from OpenSSL
- Zlib is now external, in a library
- The make-ssh-known-hosts script is no longer included
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util-linux 2.37.4

util-linux

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ms-gsl, version 4.2

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End of Components

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APPENDICES

Appendix 1:

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Version 2, June 1991

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Appendix 7

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