

VR7 With Firmware Version 1.9.6

Third-Party Software

1. Overview

This product contains third-party software, including open source software. You are entitled to use this third-party software in compliance with the respective license conditions as provided in this document.

The following third-party software, amongst others, is contained in this product:

Package	Version	License
alsa-conf	1.1.9	LGPLv2.1 & GPLv2+
alsa-lib	1.1.9	LGPLv2.1 & GPLv2+
alsa-state	0.2.0	MIT
alsa-states	0.2.0	MIT
alsa-utils	1.1.9	GPLv2+
alsa-utils-aconnect	1.1.9	GPLv2+
alsa-utils-alsactl	1.1.9	GPLv2+
alsa-utils-alsaloop	1.1.9	GPLv2+
alsa-utils-alsamixer	1.1.9	GPLv2+
alsa-utils-alsatplg	1.1.9	GPLv2+
alsa-utils-alsaucm	1.1.9	GPLv2+
alsa-utils-amixer	1.1.9	GPLv2+
alsa-utils-aplay	1.1.9	GPLv2+
alsa-utils-aseqdump	1.1.9	GPLv2+
alsa-utils-aseqnet	1.1.9	GPLv2+
alsa-utils-iecset	1.1.9	GPLv2+
alsa-utils-midi	1.1.9	GPLv2+
alsa-utils-speakertest	1.1.9	GPLv2+
aws-c-auth	0.6.1	Apache-2.0
aws-c-cal	0.5.11	Apache-2.0
aws-c-common	0.6.8	Apache-2.0
aws-c-compression	0.2.14	Apache-2.0
aws-c-event-stream	0.2.7	Apache-2.0
aws-c-http	0.6.5	Apache-2.0
aws-c-io	0.10.7	Apache-2.0
aws-c-mqtt	0.7.6	Apache-2.0
aws-c-s3	0.1.23	Apache-2.0
aws-checksums	0.1.11	Apache-2.0
aws-crt-cpp	0.15.0	Apache-2.0
aws-sdk-cpp	1.9.191	Apache-2.0
aws-sdk-cpp-firehose	1.9.191	Apache-2.0
aws-sdk-cpp-kinesis	1.9.191	Apache-2.0
aws-sdk-cpp-s3	1.9.191	Apache-2.0
base-files	3.0.14	GPLv2
base-passwd	3.5.29	GPLv2+
bash	3.2.57	GPLv2+

bind-libs	9.11.19	ISC & BSD
bluez5	5.50	GPLv2+ & LGPLv2.1+
boost-chrono	1.71.0	BSL-1.0 & MIT & Python-2.0
boost-program-options	1.71.0	BSL-1.0 & MIT & Python-2.0
boost-system	1.71.0	BSL-1.0 & MIT & Python-2.0
boost-thread	1.71.0	BSL-1.0 & MIT & Python-2.0
busybox	1.31.0	GPLv2 & bzip2
busybox-udhcpc	1.31.0	GPLv2 & bzip2
ca-certificates	20190110	GPL-2.0+ & MPL-2.0
cairo	1.16.0	MPL-1.1 LGPLv2.1
cairo-gobject	1.16.0	MPL-1.1 LGPLv2.1
chrony	3.5	GPLv2
chronyc	3.5	GPLv2
cmtmp-responder	0.0.33+gitAUTOINC+91d29dadca	Apache-2.0
coreutils	6.9	GPLv2+
cryptodev-module	1.10	GPLv2
cryptsetup	2.2.1	GPL-2.0-with-OpenSSL-exception
db	5.3.28	Sleepycat
dbus	1.12.16	AFL-2.1 GPLv2+
dbus-lib	1.12.16	AFL-2.1 GPLv2+
dhcp-client	4.4.1	ISC
dhcp-libs	4.4.1	ISC
e2fsprogs	1.45.3	GPLv2 & LGPLv2 & BSD & MIT
e2fsprogs-badbblocks	1.45.3	GPLv2
e2fsprogs-e2fsck	1.45.3	GPLv2
e2fsprogs-mke2fs	1.45.3	GPLv2
expat	2.2.8	MIT
flashrom	1.0	GPLv2
fmt	8.1.1	MIT
fontconfig	2.13.1	MIT-style & MIT & PD
freetype	2.10.1	FreeType GPLv2+
fribidi	1.0.5	LGPLv2.1+
fuse3	3.6.2	GPLv2 & LGPLv2
fuse3-utils	3.6.2	GPLv2 & LGPLv2
gdbm	1.8.3	GPLv2+
gdk-pixbuf	2.38.2	LGPLv2.1
gdk-pixbuf-locales-en-gb	2.38.2	LGPLv2.1
glib-2.0	2.60.7	LGPLv2.1+ & BSD & PD
glib-2.0-locales-en-gb	2.60.7	LGPLv2.1+ & BSD & PD
glib-networking	2.60.3	LGPLv2.1
glib-networking-locales-en-gb	2.60.3	LGPLv2.1

glibc	2.30	GPLv2 & LGPLv2.1
glibc-locales-en-gb	2.30	GPLv2 & LGPLv2.1
gmp	6.1.2	GPLv2+
gnutls	3.6.13	LGPLv2.1+
gobject-introspection	1.60.2	LGPLv2+ & GPLv2+
gstreamer1.0	1.16.2.imx	LGPLv2+
gstreamer1.0-locales-en-gb	1.16.2.imx	LGPLv2+
gstreamer1.0-plugins-bad-accurip	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-adpcmdec	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-adpcmenc	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-aiff	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-asfmux	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-audiobuffersplit	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-audiofxbad	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-audiolatency	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-audiomixmatrix	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-audiovisualizers	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-autoconvert	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-bayer	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-bluez	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-bz2	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-camerabin	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-closedcaption	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-coloreffects	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-curl	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-dashdemux	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-debugutilsbad	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-decklink	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-dtls	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-dvb	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-dvbsuboverlay	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-dvdsdu	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+

gststreamer1.0-plugins-bad-faceoverlay	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-fbdevsink	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-festival	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-fieldanalysis	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-freeverb	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-frei0r	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-gaudieffects	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-gdp	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-geometrictransform	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-hls	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-id3tag	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-inter	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-interlace	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-ipcipeline	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-ivfparse	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-ivtc	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-jp2kdecimator	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-jpegformat	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-kms	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-legacyrawparse	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-locale-en-gb	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-meta	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-midi	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-mpegpsdemux	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-mpegpsmux	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-mpegtsdemux	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-mpegtsmux	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-mxf	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-netsim	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-pcapparse	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-pnm	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-bad-proxy	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+

gstreamer1.0-plugins-bad-removesilence	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-rfbsrc	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-rsvg	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-rtponvif	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-sbc	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-sdpelem	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-segmentclip	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-shm	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-siren	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-smooth	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-smoothstreaming	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-sndfile	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-speed	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-subenc	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-timecode	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-tinycompress	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-ttmlsubs	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-uvch264	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-videofiltersbad	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-videoframe-audiolevel	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-videoparsersbad	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-videosignal	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-vmnc	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-vulkan	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-waylandsink	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-webp	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-y4mdec	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-bad-yadif	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-base-adder	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-alsa	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-app	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-apps	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-audioconvert	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-audiomixer	1.16.2.imx	GPLv2+ & LGPLv2+

gstreamer1.0-plugins-base-audiorate	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-audioresample	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-audiotestsrc	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-compositor	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-encoding	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-gio	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-locales-en-gb	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-meta	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-ogg	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-opengl	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-overlaycomposition	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-pango	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-pbtypes	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-playback	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-rawparse	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-subparse	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-tcp	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-theora	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-typefindfunctions	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-videoconvert	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-videorate	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-videoscale	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-videotestsrc	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-volume	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-base-vorbis	1.16.2.imx	GPLv2+ & LGPLv2+
gstreamer1.0-plugins-good-alaw	1.16.2.imx	GPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-good-alpha	1.16.2.imx	GPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-good-alpha-color	1.16.2.imx	GPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-good-apetag	1.16.2.imx	GPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-good-audiofx	1.16.2.imx	GPLv2+ & LGPLv2.1+
gstreamer1.0-plugins-good-audioparsers	1.16.2.imx	GPLv2+ & LGPLv2.1+

gststreamer1.0-plugins-good-auparse	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-autodetect	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-avi	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-cairo	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-cutter	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-debug	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-deinterlace	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-dtmf	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-effectv	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-equalizer	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-flac	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-flv	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-flxdec	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-gdkpixbuf	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-goom	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-goom2k1	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-icydemux	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-id3demux	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-imagefreeze	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-interleave	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-isomp4	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-jpeg	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-lame	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-level	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-locale-en-gb	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-matroska	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-meta	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-mpg123	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-mulaw	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-multifile	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-multipart	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-navigationtest	1.16.2.imx	GPLv2+ & LGPLv2.1+

gststreamer1.0-plugins-good-ossaudio	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-png	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-pulseaudio	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-replaygain	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-rtp	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-rtpmanager	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-rtsp	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-shapewipe	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-smpte	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-soup	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-spectrum	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-speex	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-taglib	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-udp	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-video4linux2	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-videobox	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-videocrop	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-videofilter	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-videomixer	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-wavenc	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-wavparse	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-plugins-good-y4menc	1.16.2.imx	GPLv2+ & LGPLv2.1+
gststreamer1.0-rtsp-server	1.16.2	LGPLv2
gststreamer1.0-rtsp-server-meta	1.16.2	LGPLv2
gststreamer1.0-rtsp-server-rtspclientsink	1.16.2	LGPLv2
gt	1.0	Apache-2.0
harfbuzz	2.6.1	MIT
hostapd	2.9	BSD-3-Clause
imx-alsa-plugins	git	GPLv2
imx-gst1.0-plugin	4.5.6	GPLv2 & LGPLv2 & LGPLv2.1
imx-gst1.0-plugin-gplay	4.5.6	GPLv2 & LGPLv2 & LGPLv2.1
imx-gst1.0-plugin-grecorder	4.5.6	GPLv2 & LGPLv2 & LGPLv2.1
imx-gst1.0-plugin-libgstfsl	4.5.6	GPLv2 & LGPLv2 & LGPLv2.1

imx-gst1.0-plugin-librecorder-engine	4.5.6	GPLv2 & LGPLv2 & LGPLv2.1
imx-uuc	0.5.1+gitAUTOINC+d6afb27e55	GPLv2
iproute2	5.2.0	GPLv2+
iw	5.3	BSD-2-Clause
json-c	0.13.1	MIT
kbd	2.0.4	GPLv2+
kbd-consolefonts	2.0.4	GPLv2+
kbd-keymaps	2.0.4	GPLv2+
kernel-base	5.4	GPLv2
kernel-module-adc-keys-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-aes-neon-blk-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-aes-neon-bs-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-anubis-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-aquantia-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-asix-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-at25-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-at803x-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-atmel-mxt-ts-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ax88179-178a-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-bcm-sba-raid-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-blowfish-common-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-blowfish-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-br-netfilter-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-bridge-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-bsd-comp-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-btrfs-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2

kernel-module-camellia-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-can-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-can-bcm-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-can-dev-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-can-gw-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-can-raw-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-cast-common-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-cast5-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-cast6-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-cdc-acm-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-cdc-ether-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-cdc-ncm-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-cdc-subset-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-cfb-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-chacha-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-chacha-neon-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-chacha20poly1305-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-cppc-cpufreq-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-crc-ccitt-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-crct10dif-ce-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-cryptodev-5.4.47-rt281.9.6-4090+g5ec03d06f54e	1.10	GPLv2
kernel-module-cts-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-cuse-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-dm9601-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2

kernel-module-fcrypt-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-fixed-phy-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-flexcan-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-fuse-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-g-audio-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-g-ether-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-g-mass-storage-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-g-serial-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-g-zero-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-generic-bl-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-i2c-algo-bit-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-i2c-gpio-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-i2c-hid-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-imx-rpmsg-pingpong-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-imx-rpmsg-tty-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ina2xx-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ina3221-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-inphi-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ip-tables-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ip-tunnel-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ip6-tables-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ip6-udp-tunnel-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ip6t-reject-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ip6table-filter-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2

kernel-module-ip6table-mangle-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ip6table-nat-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ipmi-devintf-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ipmi-msghandler-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ipmi-si-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ipt-reject-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-iptable-filter-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-iptable-mangle-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-iptable-nat-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-kfifo-buf-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-khazad-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ks7010-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-lan78xx-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-libcrc32c-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-libphy-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-lm90-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-lp855x-bl-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-lrw-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-macvlan-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-macvtap-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-marvell-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-marvell10g-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-mcs7830-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-md4-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-md5-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2

kernel-module-micrel-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-microchip-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-mii-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-mscc-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-nbd-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-net1080-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-nf-contrack-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-nf-defrag-ipv4-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-nf-defrag-ipv6-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-nf-log-common-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-nf-log-ipv4-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-nf-log-ipv6-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-nf-nat-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-nf-reject-ipv4-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-nf-reject-ipv6-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-nxp-tja11xx-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-of-mdio-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ofb-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-pcbc-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-pegasus-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-plusb-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-poly1305-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ppp-async-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ppp-deflate-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2

kernel-module-ppp-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ppp-mppe-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-ppp-synctty-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-pppoe-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-pppox-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-pwm-fan-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-qca9377-5.4.47-rt281.9.6-4090+g5ec03d06f54e	3.2	BSD & GPLv2
kernel-module-r8152-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-raid-class-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-raid6-pq-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-realtek-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-rmd128-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-rmd160-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-rmd256-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-rmd320-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-rockchip-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-rtc-rk808-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-rtc-rx8581-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-rtl8150-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-salsa20-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-sbs-battery-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-seed-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-serpent-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-sha3-ce-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-sha3-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2

kernel-module-sha512-arm64-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-sha512-ce-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-sha512-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-sit-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-sihc-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-sm3-ce-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-sm3-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-sm4-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-smsc75xx-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-smsc95xx-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-hwdep-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-ak4613-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-dmic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-es7134-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-es7241-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-fsl-dai-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-max98357a-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-pcm3168a-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-pcm3168a-i2c-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-sgtl5000-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-spdif-rx-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-spdif-tx-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2

kernel-module-snd-soc-tas571x-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-soc-tfa98xx-5.4.47-rt281.9.6-4090+g5ec03d06f54e	1.0	GPLv2
kernel-module-snd-sof-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-sof-imx8-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-sof-imx8m-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-sof-of-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-usb-audio-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-snd-usbmidi-lib-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-sr9800-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-streebog-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-synaptics-dsx-i2c-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-tap-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-tcrypt-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-tea-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-tfa9896	1.0	GPLv2
kernel-module-tgr192-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-tls-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-tunnel4-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-twofish-common-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-twofish-generic-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-udp-tunnel-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-usbnet-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-usbtest-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2

kernel-module-vctrl-regulator-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-veth-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-virtio-crypto-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-vitesse-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-vmac-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-vxlan-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-wp512-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-x-tables-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-xcbc-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-xen-blkback-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-xen-netback-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-xt-addrtype-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-xt-checksum-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-xt-contrack-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-xt-log-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-xt-masquerade-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-xt-nat-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-xt-tcpudp-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-xts-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-module-zaurus-5.4.47-rt281.9.6-4090+g5ec03d06f54e	5.4	GPLv2
kernel-modules	5.4	GPLv2
keyctl-caam	git	BSD-3-Clause
keyutils	1.6	LGPLv2.1+ & GPLv2.0+
kmod	26	GPL-2.0+ & LGPL-2.1+
libacl	2.2.52	LGPLv2.1+
libaio	0.3.111	LGPLv2.1+
libarchive	3.4.0	BSD

libattr	2.4.47	LGPLv2.1+
libbz2	1.0.8	bzip2
libcap	2.27	BSD GPLv2
libcap-ng	0.7.9	GPLv2+ & LGPLv2.1+
libcgroup	0.41	LGPLv2.1
libcomerr	1.45.3	GPLv2 & LGPLv2 & BSD & MIT
libconfig	1.7.2	LGPLv2.1
libcroco	0.6.13	LGPLv2 & LGPLv2.1
libcrypto	1.1.1g	openssl
libcurl	7.66.0	MIT
libdevmapper	2.03.02	GPLv2 & LGPLv2.1
libdrm	2.4.99.imx	MIT
libe2p	1.45.3	GPLv2 & LGPLv2 & BSD & MIT
libedit	20190324-3.1	BSD-3-Clause
libelf	0.177	GPLv2
libext2fs	1.45.3	GPLv2 & LGPLv2 & BSD & MIT
libffi	3.3~rc0	MIT
libflac	1.3.3	GFDL-1.2 & GPLv2+ & LGPLv2.1+ & BSD
libgcc	9.2.0	GPL-3.0-with-GCC-exception
libgpiod	1.4.1	LGPLv2.1+
libgpiod-tools	1.4.1	LGPLv2.1+
libgstadaptivedemux-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgstallocators-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgstapp-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgstaudio-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgstbadaudio-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgstbasecamerabinsrc-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgstcodecparsers-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgstfft-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgstgl-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgstinsertbin-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgstisoff-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgstmpegtts-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgstpbutils-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgstphotography-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgstplayer-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgsttrifft-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgststrp-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgststrtsp-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgststrtspserver-1.0	1.16.2	LGPLv2

libgststcp-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgstsdv-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgsttag-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgsturidownloader-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgstvideo-1.0	1.16.2.imx	GPLv2+ & LGPLv2+
libgstwayland-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgstwebrtc-1.0	1.16.2.imx	GPLv2+ & LGPLv2+ & LGPLv2.1+
libgudev	233	LGPLv2.1
libidn2	2.2.0	(GPLv2+)
libjpeg-turbo	2.0.3	BSD-3-Clause
libkmod	26	LGPL-2.1+
liblzma	5.2.4	PD
libmnl	1.0.4	LGPLv2.1+
libmp3lame	3.100	LGPLv2+
libnl	3.5.0	LGPLv2.1
libnl-genl	3.5.0	LGPLv2.1
libnsl2	1.2.0+gitAUTOINC+37c5ffe303	LGPL-2.1
libnss-myhostname	243.2	GPLv2 & LGPLv2.1
libogg	1.3.4	BSD
libopencv-core	4.4.0.imx	BSD-3-Clause
libopencv-dnn	4.4.0.imx	BSD-3-Clause
libopencv-imgcodecs	4.4.0.imx	BSD-3-Clause
libopencv-imgproc	4.4.0.imx	BSD-3-Clause
libopkg	0.4.1	GPLv2+
liborc-0.4	0.4.29	BSD-2-Clause & BSD-3-Clause
libpam	1.3.1	GPLv2+ BSD
libpam-locale-en-gb	1.3.1	GPLv2+ BSD
libpam-runtime	1.3.1	GPLv2+ BSD
libpci	3.6.2	GPLv2+
libpcre	8.43	BSD
libpng	1.6.37	Libpng
libpsl	0.21.0	MIT
libpulse	12.2	LGPLv2.1+ & MIT & BSD-3-Clause
libpulsecommon	12.2	LGPLv2.1+ & MIT & BSD-3-Clause
librsvg	2.40.20	LGPLv2+
libsamplerate0	0.1.9	BSD-2-Clause
libsndfile1	1.0.28	LGPLv2.1
libsodium	1.0.18	ISC
libsolv	0.7.6	BSD-3-Clause
libsoup-2.4	2.66.4	LGPLv2

libsoup-2.4-locale-en-gb	2.66.4	LGPLv2
libsqlite3	3.29.0	PD
libss	1.45.3	GPLv2 & LGPLv2 & BSD & MIT
libssl	1.1.1g	openssl
libstdc++	9.2.0	GPL-3.0-with-GCC-exception
libsystemd	243.2	GPLv2 & LGPLv2.1
libtheora	1.1.1	BSD
libtirpc	1.1.4	BSD
libubootenv	0.2	LGPL-2.1
libudev	243.2	GPLv2 & LGPLv2.1
libunistring	0.9.10	GPLv2
libusb-compat	0.1.5	LGPLv2.1+
libusb1	1.0.22	LGPLv2.1+
libusb-gx	0.2.0+gitAUTOINC+45c14ef4d5	GPLv2 & LGPLv2.1
libusb-gx-config	1.0	MIT
libvorbis	1.3.6	BSD
libwebp	1.0.3	BSD
libxcrypt	4.4.8	LGPLv2.1
libxml2	2.9.9	MIT
locale-base-en-gb	2.30	GPLv2 & LGPLv2.1
locale-base-en-us	2.30	GPLv2 & LGPLv2.1
lsf	4.91	BSD
lvm2	2.03.02	GPLv2 & LGPLv2.1
lvm2-scripts	2.03.02	GPLv2 & LGPLv2.1
lvm2-udevrules	2.03.02	GPLv2 & LGPLv2.1
lzo	2.10	GPLv2+
mpg123	1.25.11	LGPLv2.1
ncurses-libformw	6.1+20190803	MIT
ncurses-libmenuw	6.1+20190803	MIT
ncurses-libncurses	6.1+20190803	MIT
ncurses-libncursesw	6.1+20190803	MIT
ncurses-libpanelw	6.1+20190803	MIT
ncurses-libtinfo	6.1+20190803	MIT
ncurses-terminfo-base	6.1+20190803	MIT
neato-users	1.0	MIT
netbase	5.6	GPLv2
nettle	3.5.1	GPLv2+
openssl	1.1.1g	openssl
openssl-bin	1.1.1g	openssl
openssl-conf	1.1.1g	openssl
opkg	0.4.1	GPLv2+

opkg-arch-config	1.0	MIT
optee-client	3.10.0.imx	BSD
optee-os	3.10.0.imx	BSD
optee-test	3.10.0.imx	BSD
os-release	1.0	MIT
packagegroup-base	1.0	MIT
packagegroup-base-alsa	1.0	MIT
packagegroup-base-bluetooth	1.0	MIT
packagegroup-base-extended	1.0	MIT
packagegroup-base-ipv6	1.0	MIT
packagegroup-base-usb gadget	1.0	MIT
packagegroup-base-usbhost	1.0	MIT
packagegroup-base-wifi	1.0	MIT
packagegroup-core-boot	1.0	MIT
packagegroup-distro-base	1.0	MIT
packagegroup-fsl-gstreamer1.0	1.0	MIT
packagegroup-fsl-gstreamer1.0-audio	1.0	MIT
packagegroup-fsl-gstreamer1.0-base	1.0	MIT
packagegroup-fsl-gstreamer1.0-debug	1.0	MIT
packagegroup-fsl-gstreamer1.0-full	1.0	MIT
packagegroup-fsl-gstreamer1.0-network-base	1.0	MIT
packagegroup-fsl-gstreamer1.0-video	1.0	MIT
packagegroup-fsl-optee-imx	1.0	MIT
packagegroup-fsl-qca9377	1.0	MIT
packagegroup-machine-base	1.0	MIT
pam-plugin-deny	1.3.1	GPLv2+ BSD
pam-plugin-env	1.3.1	GPLv2+ BSD
pam-plugin-faildelay	1.3.1	GPLv2+ BSD
pam-plugin-group	1.3.1	GPLv2+ BSD
pam-plugin-keyinit	1.3.1	GPLv2+ BSD
pam-plugin-lastlog	1.3.1	GPLv2+ BSD
pam-plugin-limits	1.3.1	GPLv2+ BSD
pam-plugin-loginuid	1.3.1	GPLv2+ BSD
pam-plugin-mail	1.3.1	GPLv2+ BSD
pam-plugin-motd	1.3.1	GPLv2+ BSD
pam-plugin-nologin	1.3.1	GPLv2+ BSD
pam-plugin-permit	1.3.1	GPLv2+ BSD

pam-plugin-rootok	1.3.1	GPLv2+ BSD
pam-plugin-securetty	1.3.1	GPLv2+ BSD
pam-plugin-shells	1.3.1	GPLv2+ BSD
pam-plugin-unix	1.3.1	GPLv2+ BSD
pam-plugin-warn	1.3.1	GPLv2+ BSD
pango	1.44.6	LGPLv2.0+
pixman	0.38.4	MIT & MIT-style & PD
popt	1.16	MIT
procps	3.3.15	GPLv2+ & LGPLv2+
protobuf	3.9.2	BSD-3-Clause
python3-asn1crypto	1.0.1	MIT
python3-certifi	2019.9.11	ISC
python3-cffi	1.12.3	MIT
python3-chardet	3.0.4	LGPL-2.1
python3-cryptography	2.7	Apache-2.0 BSD
python3-dbus	1.2.18	MIT
python3-idna	2.8	BSD-3-Clause & Python-2.0 & Unicode
python3-ndg-httpsclient	0.5.1	BSD
python3-pkg-resources	41.2.0	MIT
python3-ply	3.11	BSD
python3-psutil	5.6.3	BSD
python3-pyasn1	0.4.7	BSD-2-Clause
python3-pycairo	1.18.1	LGPLv2.1 & MPLv1.1
python3-pyparser	2.19	BSD-3-Clause
python3-pyobject	3.34.0	LGPLv2.1
python3-pyopenssl	19.0.0	Apache-2.0
python3-pyserial	3.4	BSD
python3-pysocks	1.7.1	BSD
python3-pytz	2019.2	MIT
python3-pyzmq	19.0.0	BSD
python3-requests	2.22.0	Apache-2.0
python3-setuptools	41.2.0	MIT
python3-six	1.12.0	MIT
python3-systemd	234	LGPLv2.1+
python3-transitions	0.8.8	MIT
python3-urllib3	1.25.6	MIT
readline	5.2	GPLv2+
run-postinsts	1.0	MIT
s2n	1.0.13	Apache-2.0
sbc	1.4	LGPLv2.1+

shadow	4.6	BSD Artistic-1.0
shadow-base	4.6	BSD Artistic-1.0
shadow-securetty	4.6	MIT
shared-mime-info	1.10	GPLv2
speex	1.2.0	BSD
sudo	1.9.5p2	ISC & BSD & Zlib
sudo-lib	1.9.5p2	ISC & BSD & Zlib
sudo-sudo	1.9.5p2	ISC & BSD & Zlib
swupdate	2019.11	GPLv2+
swupdate-progress	2019.11	GPLv2+
systemd	243.2	GPLv2 & LGPLv2.1
systemd-compat-units	1.0	MIT
systemd-conf	243.2	MIT
systemd-extra-utils	243.2	GPLv2 & LGPLv2.1
systemd-serialgetty	1.0	GPLv2+
systemd-vconsole-setup	243.2	GPLv2 & LGPLv2.1
taglib	1.11.1	LGPLv2.1 MPL-1.1
tbb	20170412+AUTOINC+a2cfdfe946	Apache-2.0
tensorflow-lite	2.8.0	Apache-2.0
tiff	4.0.10	BSD-2-Clause
tinycrypt	1.1.6	BSD-3-Clause
tzdata	2022a	PD & BSD & BSD-3-Clause
tzdata-africa	2022a	PD & BSD & BSD-3-Clause
tzdata-america	2022a	PD & BSD & BSD-3-Clause
tzdata-antarctica	2022a	PD & BSD & BSD-3-Clause
tzdata-arctic	2022a	PD & BSD & BSD-3-Clause
tzdata-asia	2022a	PD & BSD & BSD-3-Clause
tzdata-atlantic	2022a	PD & BSD & BSD-3-Clause
tzdata-australia	2022a	PD & BSD & BSD-3-Clause
tzdata-europe	2022a	PD & BSD & BSD-3-Clause
tzdata-misc	2022a	PD & BSD & BSD-3-Clause
tzdata-pacific	2022a	PD & BSD & BSD-3-Clause
tzdata-posix	2022a	PD & BSD & BSD-3-Clause
tzdata-right	2022a	PD & BSD & BSD-3-Clause
udev	243.2	GPLv2 & LGPLv2.1
udev-hwdb	243.2	GPLv2 & LGPLv2.1
udev-rules-imx	1.0	MIT
update-alternatives-opkg	0.4.2	GPLv2+
update-rc.d	0.8	GPLv2+
usbutils	012	GPLv2+

util-linux	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-addpart	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-agetty	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-blkdiscard	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-blkid	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-blkzone	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-blockdev	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-cal	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-cfdisk	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-chcpu	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-chmem	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-choom	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-chrt	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-col	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-colcrt	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-colrm	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-column	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-ctrlaltdel	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-delpart	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-dmesg	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-eject	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-fallocate	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-fdformat	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-fdisk	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
util-linux-fincore	2.34	GPLv2+ & LGPLv2.1+ & BSD-3-Clause & BSD-4-Clause
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6.6 generic_PD

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Version 2, June 1991

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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6.22 generic_OFL-1.1

SIL OPEN FONT LICENSE

Version 1.1 - 26 February 2007

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6.24 generic_Artistic-1.0

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6.25 generic_GPL-1.0

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, 1 April 1989
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6.26 generic_GPL-2

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6.27 generic_AFL-2.1

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6.28 generic_openssl

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6.30 generic_ICU

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

6.33 generic_PSFv2

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6.36 generic_Sleepycat

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6.38 generic_Python-2.0

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6.39 generic_Unicode

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6.40 generic_WHENCE

* WHENCE *

This file attempts to document the origin and licensing information, if known, for each piece of firmware distributed for use with the Linux kernel.

Driver: BCM-0bb4-0306 Cypress Bluetooth firmware for HTC Vive

File: brcm/BCM-0bb4-0306.hcd

Licence: Redistributable. See LICENCE.cypress for details.

Driver: ambassador -- Madge Ambassador (Collage PCI 155 Server) ATM NIC.

File: atmsar11.fw

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

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

File: korg/k1212.dsp

Licence: Unknown

Found in alsa-firmware package in hex form; no licensing information.

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

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

Licence: Unknown

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-ympfpci -- Yamaha YMF724/740/744/754 audio devices

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:
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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.

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

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

Licence: Redistributable. See LICENCE.qla1280 for details

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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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 or later. See GPL-2 and GPL-3 for details.

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

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

Original licence information:

```
/*
 * This firmware is for the Emagic EMI 2|6 Audio Interface
 *
 * The firmware contained herein is Copyright (c) 1999-2002 Emagic
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 * requires the inclusion of this statement.
 */
```

Driver: emi62 -- EMI 6|2m 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

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:
Copyright (C) 2004 Texas Instruments

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"
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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

File: whiteheat_loader.fw

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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

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
File: edgeport/down2.fw

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//*****
//* 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)
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//*****

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:

/*
* 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: 8.07.00 MID
File: ql2500_fw.bin
Version: 8.07.00 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

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

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: sxxg - Alacritech IS-NIC products

File: sxxg/saharadownloadB.sys
File: sxxg/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

Licence:

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* notice is accompanying it.

Found in hex form in kernel source.

Driver: cxgb4 - Chelsio Terminator 4/5/6 1/10/25/40/100G Ethernet adapter

File: cxgb4/t4fw-1.14.4.0.bin
File: cxgb4/t4fw-1.15.37.0.bin
File: cxgb4/t4fw-1.24.3.0.bin
Link: cxgb4/t4fw.bin -> t4fw-1.24.3.0.bin
File: cxgb4/t5fw-1.14.4.0.bin
File: cxgb4/t5fw-1.15.37.0.bin
File: cxgb4/t5fw-1.24.3.0.bin
Link: cxgb4/t5fw.bin -> t5fw-1.24.3.0.bin
File: cxgb4/t6fw-1.24.3.0.bin
Link: cxgb4/t6fw.bin -> t6fw-1.24.3.0.bin
File: cxgb4/aq1202_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

Licence:

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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

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

Licence: Redistributable. See LICENCE.Marvell for details. Extracted from Linux driver tarballs downloaded from Marvell's "Extranet" with permission.

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

Licence: Redistributable. See LICENCE.OLPC for details.

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

Driver: mwl8k - Marvell Libertas softmac-type 802.11b/g/n 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/fmimage_8366_ap-3.fw
Version: 5.2.8.16
File: mwl8k/helper_8366.fw

File: mwl8k/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: W14.68.35.p66

File: mrvl/usb8766_uapsta.bin
Version: 14.68.22.p16

File: mrvl/sd8797_uapsta.bin
Version: W14.68.29.p59

File: mrvl/usb8797_uapsta.bin
Version: W14.68.29.p60

File: mrvl/sd8897_uapsta.bin
Version: W15.68.19.17

File: mrvl/usb8897_uapsta.bin
Version: 15.68.4.p103

File: mrvl/pcie8897_uapsta.bin
Version: W15.68.19.p21

File: mrvl/sd8887_uapsta.bin
Version: W15.68.7.p189

File: mrvl/sd8801_uapsta.bin
Version: W14.68.36.p204

File: mrvl/usb8801_uapsta.bin
Version: W14.68.36.p138

File: mrvl/pcieuart8997_combo_v4.bin
Version: W16.68.1.p179

File: mrvl/pcieusb8997_combo_v4.bin
Version: W16.68.1.p195

File: mrvl/pcie8997_wlan_v4.bin
Version: W16.68.1.p195

File: mrvl/usb8997_combo_v4.bin
Version: W16.68.1.p183

File: mrvl/sdsd8997_combo_v4.bin
Version: W16.68.1.p179

File: mrvl/sdsd8977_combo_v2.bin
Version: W16.68.1.p195

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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

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.bfb58538.0

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.bfb58538.0

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.bfb58538.0

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: 22.391740.0

File: iwlwifi-7265D-27.ucode
Version: 27.541033.0

File: iwlwifi-7265D-29.ucode
Version: 29.3e3b4de5.0

File: iwlwifi-3168-21.ucode
Version: 21.302800.0

File: iwlwifi-3168-22.ucode
Version: 22.391740.0

File: iwlwifi-3168-27.ucode
Version: 27.541033.0

File: iwlwifi-3168-29.ucode
Version: 29.3e3b4de5.0

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
Version: 22.391740.0

File: iwlwifi-8000C-27.ucode
Version: 27.541033.0

File: iwlwifi-8000C-31.ucode
Version: 31.560484.0

File: iwlwifi-8000C-34.ucode
Version: 34.610288.0

File: iwlwifi-8000C-36.ucode
Version: 36.8fd77bb3.0

File: iwlwifi-8265-21.ucode
Version: 21.302800.0

File: iwlwifi-8265-22.ucode
Version: 22.391740.0

File: iwlwifi-8265-27.ucode
Version: 27.541033.0

File: iwlwifi-8265-31.ucode
Version: 31.560484.0

File: iwlwifi-8265-34.ucode
Version: 34.610288.0

File: iwlwifi-8265-36.ucode
Version: 36.8fd77bb3.0

File: iwlwifi-9000-pu-b0-jf-b0-33.ucode
Version: 33.610294.0

File: iwlwifi-9000-pu-b0-jf-b0-34.ucode
Version: 34.ba501b11.0

File: iwlwifi-9000-pu-b0-jf-b0-38.ucode
Version: 38.755cfdd8.0

File: iwlwifi-9000-pu-b0-jf-b0-41.ucode
Version: 41.fc1a7aea.0

File: iwlwifi-9000-pu-b0-jf-b0-43.ucode
Version: 43.95eb4e97.0

File: iwlwifi-9000-pu-b0-jf-b0-46.ucode
Version: 46.a41adfe7.0

File: iwlwifi-9260-th-b0-jf-b0-33.ucode
Version: 33.610294.0

File: iwlwifi-9260-th-b0-jf-b0-34.ucode
Version: 34.ba501b11.0

File: iwlwifi-9260-th-b0-jf-b0-38.ucode
Version: 38.755cfdd8.0

File: iwlwifi-9260-th-b0-jf-b0-41.ucode
Version: 41.fc1a7aea.0

File: iwlwifi-9260-th-b0-jf-b0-43.ucode
Version: 43.95eb4e97.0

File: iwlwifi-9260-th-b0-jf-b0-46.ucode
Version: 46.a41adfe7.0

File: iwlwifi-cc-a0-46.ucode
Version: 46.3cfab8da.0

File: iwlwifi-cc-a0-48.ucode
Version: 48.13675109.0

File: iwlwifi-Qu-b0-hr-b0-48.ucode
Version: 48.13675109.0

File: iwlwifi-Qu-b0-jf-b0-48.ucode
Version: 48.13675109.0

File: iwlwifi-Qu-c0-hr-b0-48.ucode
Version: 48.13675109.0

File: iwlwifi-Qu-c0-jf-b0-48.ucode
Version: 48.13675109.0

File: iwlwifi-QuZ-a0-hr-b0-48.ucode
Version: 48.13675109.0

File: iwlwifi-QuZ-a0-jf-b0-48.ucode
Version: 48.13675109.0

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

Driver: ipu3-imgu - Intel IPU3 (3rd Gen Image Processing Unit) driver

File: intel/irci_irci_ecr-master_20161208_0213_20170112_1500.bin
Version: irci_irci_ecr-master_20161208_0213_20170112_1500
md5sum: 59abc311fce49c5a180b5a8a3917912d

Link: intel/ipu3-fw.bin -> irci_irci_ecr-master_20161208_0213_20170112_1500.bin

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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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Found in hex form in kernel source.

Driver: typhoon - 3cr990 series Typhoon

File: 3com/typhoon.bin

Licence:

/*

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*/

Found in hex form in kernel source.

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.
 *
 * This firmware is licensed to you strictly for use in conjunction
 * with the use of 3Com 3C359 TokenRing adapters. There is no
 * 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

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

Driver: 3c574_cs - 3Com PCMCIA adapter

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

Licence: Dual GPLv2/MPL

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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

Licence: Dual GPLv2/MPL

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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)

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

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
File: bnx2x/bnx2x-e1h-7.13.1.0.fw
File: bnx2x/bnx2x-e2-7.13.1.0.fw
File: bnx2x/bnx2x-e1-7.13.11.0.fw
File: bnx2x/bnx2x-e1h-7.13.11.0.fw
File: bnx2x/bnx2x-e2-7.13.11.0.fw

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Found in hex form in kernel source.

Driver: bnx2 - Broadcom NetXtremell

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
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/

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>

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/>

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 , 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

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

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

Link: rt3070.bin -> rt2870.bin

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: usbdx/usbdxfast/usbdxsigma - usbdx data acquisition cards

File: usbdx_firmware.bin

File: usbdxfast_firmware.bin

File: usbdxsigma_firmware.bin

Source: usbdx/

Licence: GPLv2. See GPL-2 for details.

Provided from the author, Bernd Porr

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

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.

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/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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Found in hex form in kernel source.

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/BONAIRES_ce.bin
File: radeon/BONAIRES_mc.bin
File: radeon/BONAIRES_mc2.bin
File: radeon/BONAIRES_me.bin
File: radeon/BONAIRES_mec.bin
File: radeon/BONAIRES_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
File: radeon/banks_k_2_smc.bin
File: radeon/si58_mc.bin

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Driver: amdgpu - AMD Radeon

File: amdgpu/tahiti_ce.bin
File: amdgpu/tahiti_k_smc.bin
File: amdgpu/tahiti_mc.bin
File: amdgpu/tahiti_me.bin
File: amdgpu/tahiti_pfp.bin
File: amdgpu/tahiti_rlc.bin
File: amdgpu/tahiti_smc.bin
File: amdgpu/pitcairn_ce.bin
File: amdgpu/pitcairn_k_smc.bin
File: amdgpu/pitcairn_mc.bin
File: amdgpu/pitcairn_me.bin
File: amdgpu/pitcairn_pfp.bin
File: amdgpu/pitcairn_rlc.bin
File: amdgpu/pitcairn_smc.bin
File: amdgpu/verde_ce.bin
File: amdgpu/verde_k_smc.bin
File: amdgpu/verde_mc.bin
File: amdgpu/verde_me.bin
File: amdgpu/verde_pfp.bin
File: amdgpu/verde_rlc.bin
File: amdgpu/verde_smc.bin
File: amdgpu/hainan_ce.bin
File: amdgpu/hainan_k_smc.bin
File: amdgpu/hainan_mc.bin
File: amdgpu/hainan_me.bin
File: amdgpu/hainan_pfp.bin

File: amdgpu/hainan_rlc.bin
File: amdgpu/hainan_smc.bin
File: amdgpu/oland_ce.bin
File: amdgpu/oland_k_smc.bin
File: amdgpu/oland_mc.bin
File: amdgpu/oland_me.bin
File: amdgpu/oland_pfp.bin
File: amdgpu/oland_rlc.bin
File: amdgpu/oland_smc.bin
File: amdgpu/si58_mc.bin
File: amdgpu/banks_k_2_smc.bin
File: amdgpu/bonaire_ce.bin
File: amdgpu/bonaire_k_smc.bin
File: amdgpu/bonaire_mc.bin
File: amdgpu/bonaire_me.bin
File: amdgpu/bonaire_mec.bin
File: amdgpu/bonaire_pfp.bin
File: amdgpu/bonaire_rlc.bin
File: amdgpu/bonaire_sdma.bin
File: amdgpu/bonaire_sdma1.bin
File: amdgpu/bonaire_smc.bin
File: amdgpu/bonaire_uvd.bin
File: amdgpu/bonaire_vce.bin
File: amdgpu/hawaii_ce.bin
File: amdgpu/hawaii_k_smc.bin
File: amdgpu/hawaii_mc.bin
File: amdgpu/hawaii_me.bin
File: amdgpu/hawaii_mec.bin
File: amdgpu/hawaii_pfp.bin
File: amdgpu/hawaii_rlc.bin
File: amdgpu/hawaii_sdma.bin
File: amdgpu/hawaii_sdma1.bin
File: amdgpu/hawaii_smc.bin
File: amdgpu/hawaii_uvd.bin
File: amdgpu/hawaii_vce.bin
File: amdgpu/kabini_ce.bin
File: amdgpu/kabini_me.bin
File: amdgpu/kabini_mec.bin
File: amdgpu/kabini_pfp.bin
File: amdgpu/kabini_rlc.bin
File: amdgpu/kabini_sdma.bin
File: amdgpu/kabini_sdma1.bin
File: amdgpu/kabini_uvd.bin
File: amdgpu/kabini_vce.bin
File: amdgpu/mullins_ce.bin
File: amdgpu/mullins_me.bin
File: amdgpu/mullins_mec.bin
File: amdgpu/mullins_pfp.bin
File: amdgpu/mullins_rlc.bin
File: amdgpu/mullins_sdma.bin
File: amdgpu/mullins_sdma1.bin
File: amdgpu/mullins_uvd.bin
File: amdgpu/mullins_vce.bin
File: amdgpu/kaveri_ce.bin
File: amdgpu/kaveri_me.bin
File: amdgpu/kaveri_mec.bin
File: amdgpu/kaveri_mec2.bin
File: amdgpu/kaveri_pfp.bin
File: amdgpu/kaveri_rlc.bin
File: amdgpu/kaveri_sdma.bin
File: amdgpu/kaveri_sdma1.bin
File: amdgpu/kaveri_uvd.bin
File: amdgpu/kaveri_vce.bin
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_ce_2.bin
File: amdgpu/polaris10_mc.bin
File: amdgpu/polaris10_k_mc.bin
File: amdgpu/polaris10_me.bin
File: amdgpu/polaris10_me_2.bin
File: amdgpu/polaris10_mec2.bin
File: amdgpu/polaris10_mec2_2.bin
File: amdgpu/polaris10_mec.bin
File: amdgpu/polaris10_mec_2.bin
File: amdgpu/polaris10_pfp.bin
File: amdgpu/polaris10_pfp_2.bin
File: amdgpu/polaris10_rlc.bin
File: amdgpu/polaris10_sdma1.bin
File: amdgpu/polaris10_sdma.bin
File: amdgpu/polaris10_smc.bin
File: amdgpu/polaris10_k_smc.bin
File: amdgpu/polaris10_k2_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_ce_2.bin
File: amdgpu/polaris11_mc.bin
File: amdgpu/polaris11_k_mc.bin
File: amdgpu/polaris11_me.bin
File: amdgpu/polaris11_me_2.bin
File: amdgpu/polaris11_mec2.bin
File: amdgpu/polaris11_mec2_2.bin
File: amdgpu/polaris11_mec.bin
File: amdgpu/polaris11_mec_2.bin
File: amdgpu/polaris11_pfp.bin
File: amdgpu/polaris11_pfp_2.bin
File: amdgpu/polaris11_rlc.bin
File: amdgpu/polaris11_sdma1.bin
File: amdgpu/polaris11_sdma.bin
File: amdgpu/polaris11_smc.bin

File: amdgpu/polaris11_k_smc.bin
File: amdgpu/polaris11_k2_smc.bin
File: amdgpu/polaris11_smc_sk.bin
File: amdgpu/polaris11_uvd.bin
File: amdgpu/polaris11_vce.bin
File: amdgpu/polaris12_ce.bin
File: amdgpu/polaris12_ce_2.bin
File: amdgpu/polaris12_mc.bin
File: amdgpu/polaris12_k_mc.bin
File: amdgpu/polaris12_me.bin
File: amdgpu/polaris12_me_2.bin
File: amdgpu/polaris12_mec.bin
File: amdgpu/polaris12_mec_2.bin
File: amdgpu/polaris12_mec2.bin
File: amdgpu/polaris12_mec2_2.bin
File: amdgpu/polaris12_pfp.bin
File: amdgpu/polaris12_pfp_2.bin
File: amdgpu/polaris12_rlc.bin
File: amdgpu/polaris12_sdma.bin
File: amdgpu/polaris12_sdma1.bin
File: amdgpu/polaris12_smc.bin
File: amdgpu/polaris12_k_smc.bin
File: amdgpu/polaris12_uvd.bin
File: amdgpu/polaris12_vce.bin
File: amdgpu/vegam_ce.bin
File: amdgpu/vegam_me.bin
File: amdgpu/vegam_mec.bin
File: amdgpu/vegam_mec2.bin
File: amdgpu/vegam_pfp.bin
File: amdgpu/vegam_rlc.bin
File: amdgpu/vegam_sdma.bin
File: amdgpu/vegam_sdma1.bin
File: amdgpu/vegam_smc.bin
File: amdgpu/vegam_uvd.bin
File: amdgpu/vegam_vce.bin
File: amdgpu/vega10_acg_smc.bin
File: amdgpu/vega10_asd.bin
File: amdgpu/vega10_ce.bin
File: amdgpu/vega10_gpu_info.bin
File: amdgpu/vega10_me.bin
File: amdgpu/vega10_mec.bin
File: amdgpu/vega10_mec2.bin
File: amdgpu/vega10_pfp.bin
File: amdgpu/vega10_rlc.bin
File: amdgpu/vega10_sdma.bin
File: amdgpu/vega10_sdma1.bin
File: amdgpu/vega10_smc.bin
File: amdgpu/vega10_sos.bin
File: amdgpu/vega10_uvd.bin
File: amdgpu/vega10_vce.bin
File: amdgpu/vega12_asd.bin
File: amdgpu/vega12_ce.bin
File: amdgpu/vega12_gpu_info.bin
File: amdgpu/vega12_me.bin
File: amdgpu/vega12_mec.bin
File: amdgpu/vega12_mec2.bin
File: amdgpu/vega12_pfp.bin
File: amdgpu/vega12_rlc.bin
File: amdgpu/vega12_sdma.bin
File: amdgpu/vega12_sdma1.bin
File: amdgpu/vega12_smc.bin
File: amdgpu/vega12_sos.bin
File: amdgpu/vega12_uvd.bin
File: amdgpu/vega12_vce.bin
File: amdgpu/vega20_asd.bin
File: amdgpu/vega20_ce.bin
File: amdgpu/vega20_me.bin
File: amdgpu/vega20_mec.bin
File: amdgpu/vega20_mec2.bin
File: amdgpu/vega20_pfp.bin
File: amdgpu/vega20_rlc.bin
File: amdgpu/vega20_sdma.bin
File: amdgpu/vega20_sdma1.bin
File: amdgpu/vega20_smc.bin
File: amdgpu/vega20_sos.bin
File: amdgpu/vega20_uvd.bin
File: amdgpu/vega20_vce.bin

File: amdgpu/raven_asd.bin
File: amdgpu/raven_ce.bin
File: amdgpu/raven_gpu_info.bin
File: amdgpu/raven_me.bin
File: amdgpu/raven_mec.bin
File: amdgpu/raven_mec2.bin
File: amdgpu/raven_pfp.bin
File: amdgpu/raven_rlc.bin
File: amdgpu/raven_sdma.bin
File: amdgpu/raven_vcn.bin
File: amdgpu/raven_dmcu.bin
File: amdgpu/picasso_asd.bin
File: amdgpu/picasso_ce.bin
File: amdgpu/picasso_gpu_info.bin
File: amdgpu/picasso_me.bin
File: amdgpu/picasso_mec.bin
File: amdgpu/picasso_mec2.bin
File: amdgpu/picasso_pfp.bin
File: amdgpu/picasso_rlc.bin
File: amdgpu/picasso_rlc_am4.bin
File: amdgpu/picasso_sdma.bin
File: amdgpu/picasso_vcn.bin
File: amdgpu/raven2_asd.bin
File: amdgpu/raven2_ce.bin
File: amdgpu/raven2_gpu_info.bin
File: amdgpu/raven2_me.bin
File: amdgpu/raven2_mec.bin
File: amdgpu/raven2_mec2.bin
File: amdgpu/raven2_pfp.bin
File: amdgpu/raven2_rlc.bin
File: amdgpu/raven2_sdma.bin
File: amdgpu/raven2_vcn.bin

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Driver: s2255drv

File: f2255usb.bin
Version: 1.2.8

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Driver: rtl8192e - Realtek 8192 PCI wireless driver

File: RTL8192E/boot.img
File: RTL8192E/data.img
File: RTL8192E/main.img

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Driver: lgs8gxx - Legend Silicon GB20600 demodulator driver

File: lgs8g75.fw

Licence: Unknown

Driver: ib_qib - QLogic Infiniband

File: qllogic/sd7220.fw

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Found in hex form in kernel source.

Driver: qed - QLogic 4xxxx 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
File: qed/qed_init_values_zipped-8.10.5.0.bin
File: qed/qed_init_values-8.10.9.0.bin
File: qed/qed_init_values_zipped-8.10.10.0.bin
File: qed/qed_init_values-8.14.6.0.bin
File: qed/qed_init_values_zipped-8.15.3.0.bin
File: qed/qed_init_values-8.18.9.0.bin
File: qed/qed_init_values_zipped-8.20.0.0.bin
File: qed/qed_init_values-8.20.0.0.bin
File: qed/qed_init_values-8.30.12.0.bin
File: qed/qed_init_values_zipped-8.33.1.0.bin
File: qed/qed_init_values_zipped-8.33.11.0.bin
File: qed/qed_init_values-8.33.12.0.bin
File: qed/qed_init_values_zipped-8.37.2.0.bin
File: qed/qed_init_values_zipped-8.37.7.0.bin
File: qed/qed_init_values-8.37.7.0.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

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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
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

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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-sdio.bin
File: brcm/brcmfmac4330-sdio.bin
File: brcm/brcmfmac4334-sdio.bin
File: brcm/brcmfmac4335-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/brcmfmac43430a0-sdio.bin
File: brcm/brcmfmac43455-sdio.bin
File: brcm/brcmfmac4350c2-pcie.bin
File: brcm/brcmfmac4350-pcie.bin

File: brcm/brcmfmac4356-sdio.bin
File: brcm/brcmfmac43569.bin
File: brcm/brcmfmac43570-pcie.bin
File: brcm/brcmfmac4358-pcie.bin
File: brcm/brcmfmac43602-pcie.bin
File: brcm/brcmfmac43602-pcie.ap.bin
File: brcm/brcmfmac4366b-pcie.bin
File: brcm/brcmfmac4366c-pcie.bin
File: brcm/brcmfmac4371-pcie.bin

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File: brcm/brcmfmac43340-sdio.bin
File: brcm/brcmfmac43362-sdio.bin
File: brcm/brcmfmac43430-sdio.bin
File: brcm/brcmfmac4354-sdio.bin
File: brcm/brcmfmac4356-pcie.bin
File: brcm/brcmfmac4373-sdio.bin
File: brcm/brcmfmac4373.bin

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File: "brcm/brcmfmac4330-sdio.Prowise-PT301.txt"
File: "brcm/brcmfmac43340-sdio.meegopad-t08.txt"
File: "brcm/brcmfmac43362-sdio.cubietech,cubietruck.txt"
File: "brcm/brcmfmac43362-sdio.lemaker,bananapro.txt"
File: "brcm/brcmfmac43430a0-sdio.jumper-ezpad-mini3.txt"
File: "brcm/brcmfmac43430a0-sdio.ONDA-V80 PLUS.txt"
File: "brcm/brcmfmac43430-sdio.AP6212.txt"
File: "brcm/brcmfmac43430-sdio.Hampoo-D2D3_Vi8A1.txt"
File: "brcm/brcmfmac43430-sdio.MUR1DX.txt"
File: "brcm/brcmfmac43430-sdio.raspberrypi,3-model-b.txt"
File: "brcm/brcmfmac43455-sdio.raspberrypi,3-model-b-plus.txt"
File: "brcm/brcmfmac4356-pcie.gpd-win-pocket.txt"

Licence: GPLv2. See GPL-2 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.
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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: 6.3.10.0.142 (Single-role)
File: ti-connectivity/wl127x-fw-5-mr.bin
Version: 6.5.7.0.50 (Multi-role)
File: ti-connectivity/wl127x-fw-5-plt.bin
Version: 6.3.10.0.142 (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: 7.3.10.0.142 (Single-role)
File: ti-connectivity/wl128x-fw-5-mr.bin
Version: 7.5.7.0.50 (Multi-role)
File: ti-connectivity/wl128x-fw-5-plt.bin
Version: 7.3.10.2.142 (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:

<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: 8.9.0.0.79

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_6.2.31.bts

Version: 2.44 (TI_P31.123)

File: ti-connectivity/TIInit_6.6.15.bts

Version: 2.14 (TI_P6_15.93)

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

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.

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

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: rtl8723de - Realtek 802.11ac WLAN driver for RTL8723DE

Info: Supplied by Vendor at https://github.com/pkshih/rtlwifi_rtl8723de
File: rtlwifi/rtl8723defw.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.

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: rtl8822be - Realtek 802.11n WLAN driver for RTL8822BE

Info: Sent to Larry Finger by Realtek engineer Ping-Ke Shih
File: rtlwifi/rtl8822befw.bin

Licence: Redistributable. See LICENCE.rtlwifi_firmware.txt for details.

Driver: rtw88 - Realtek 802.11ac WLAN driver for RTL8822BE and RTL8822CE

Info: Sent to Larry Finger by Realtek engineer Yan-Hsuan Chuang
File: rtw88/rtw8822b_fw.bin
File: rtw88/rtw8822c_fw.bin
File: rtw88/rtw8822c_wow_fw.bin
File: rtw88/README

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.
File: rtlwifi/rtl8192eefw.bin

Licence: Redistributable. See LICENCE.rtlwifi_firmware.txt for details.

Driver: rtl8723bs - Realtek 802.11n WLAN driver for RTL8723BS

Info: Firmware files extracted from data statements in Realtek driver
v4.3.5.5_12290.20140916_BTCOEX20140507-4E40.
File: rtlwifi/rtl8723bs_bt.bin
File: rtlwifi/rtl8723bs_nic.bin
File: rtlwifi/rtl8723bs_ap_wowlan.bin
File: rtlwifi/rtl8723bs_wowlan.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

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

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

Licence:

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Driver: vt6656 - VIA VT6656 USB wireless driver

File: vntwusb.fw

Licence: Redistributable. See LICENCE.via_vt6656 for details.

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
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
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: 10.2.4-1.0-00045
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/QCA6174/hw3.0/firmware-6.bin
Version: WLAN.RM.4.4.1-00140-QCARMSWPZ-1
Licence: ath10k/QCA6174/hw3.0/notice_ath10k_firmware-6.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.1.0-00002-QCATFSWPZ-5
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: 10.4-3.6-00140
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: 10.2.4-1.0-00045
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: 10.4-3.9.0.2-00040
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: 10.4-3.9.0.2-00046
Licence: ath10k/QCA9984/hw1.0/notice_ath10k_firmware-5.txt
File: ath10k/QCA9377/hw1.0/firmware-6.bin
Version: WLAN.TF.2.1-00021-QCARMSWP-1
Licence: ath10k/QCA9377/hw1.0/notice_ath10k_firmware-6.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

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

Licence: Redistributable. See LICENCE.ene_firmware for details.

Driver: isci -- Intel C600 SAS controller driver

File: isci/isci_firmware.bin
Source: isci/

Licence: GPLv2. See GPL-2 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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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_87_0001
File: intel/ibt-hw-37.7.10-fw-1.0.2.3.d.bseq
Version: BT_WilkinsPeak_B3_REL_87_0001
File: intel/ibt-hw-37.7.10-fw-1.80.1.2d.d.bseq
Version: BT_WilkinsPeak_B5_REL_42_0001
File: intel/ibt-hw-37.7.10-fw-1.0.1.2d.d.bseq
Version: BT_WilkinsPeak_B5_REL_42_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
Version: BT_StonePeak_D0_REL_50_0002
File: intel/ibt-hw-37.8.10-fw-22.50.19.14.f.bseq
Version: BT_StonePeak_D1_REL_52_00005
File: intel/ibt-11-5.ddc
Version: LnP/SfP_REL0522
File: intel/ibt-11-5.sfi
Version: BT_LightningPeak_REL0487
File: intel/ibt-12-16.ddc
Version: BT_WindStormPeak_REL0306
File: intel/ibt-12-16.sfi
Version: BT_WindStormPeak_REL0306
File: intel/ibt-17-16-1.sfi
Version: BT_JeffersonPeak_B0_B0_REL0472
File: intel/ibt-17-16-1.ddc
Version: BT_JeffersonPeak_B0_B0_REL0472

File: intel/ibt-17-2.sfi
Version: BT_JeffersonPeak_B0_B0_REL0472
File: intel/ibt-17-2.ddc
Version: BT_JeffersonPeak_B0_B0_REL0472
File: intel/ibt-17-0-1.sfi
Version: BT_JeffersonPeak_A0_B0_REL0201
File: intel/ibt-17-0-1.ddc
Version: BT_JeffersonPeak_A0_B0_REL0201
File: intel/ibt-17-1.sfi
Version: BT_JeffersonPeak_A0_B0_REL0201
File: intel/ibt-17-1.ddc
Version: BT_JeffersonPeak_A0_B0_REL0201
File: intel/ibt-18-16-1.sfi
Version: BT_ThunderPeak_B0_B0_REL0472
File: intel/ibt-18-16-1.ddc
Version: BT_ThunderPeak_B0_B0_REL0472
File: intel/ibt-18-2.sfi
Version: BT_ThunderPeak_B0_B0_REL0472
File: intel/ibt-18-2.ddc
Version: BT_ThunderPeak_B0_B0_REL0472
File: intel/ibt-18-0-1.sfi
Version: BT_ThunderPeak_A0_B0_REL0201
File: intel/ibt-18-0-1.ddc
Version: BT_ThunderPeak_A0_B0_REL0201
File: intel/ibt-18-1.sfi
Version: BT_ThunderPeak_A0_B0_REL0201
File: intel/ibt-18-1.ddc
Version: BT_ThunderPeak_A0_B0_REL0201
File: intel/ibt-20-0-3.sfi
Version: BT_CyclonePeak_A0_REL0310
File: intel/ibt-20-0-3.ddc
Version: BT_CyclonePeak_A0_REL0310
File: intel/ibt-20-1-3.sfi
Version: BT_CyclonePeak_A0_REL0310
File: intel/ibt-20-1-3.ddc
Version: BT_CyclonePeak_A0_REL_0310
File: intel/ibt-20-1-4.sfi
Version: BT_CyclonePeak_A0_REL0310
File: intel/ibt-20-1-4.ddc
Version: BT_CyclonePeak_A0_REL0310
File: intel/ibt-19-0-0.sfi
Version: BT_Quasar_REL0310
File: intel/ibt-19-0-0.ddc
Version: BT_Quasar_REL0310
File: intel/ibt-19-0-1.sfi
Version: BT_Quasar_REL0310
File: intel/ibt-19-0-1.ddc
Version: BT_Quasar_REL0310
File: intel/ibt-19-0-4.sfi
Version: BT_HarrisonPeak_REL0310
File: intel/ibt-19-0-4.ddc
Version: BT_HarrisonPeak_REL0310
File: intel/ibt-19-16-4.sfi
Version: BT_HarrisonPeak_REL0310
File: intel/ibt-19-16-4.ddc
Version: BT_HarrisonPeak_REL0310
File: intel/ibt-19-32-1.sfi
Version: BT_HarrisonPeak_REL0310
File: intel/ibt-19-32-1.ddc
Version: BT_HarrisonPeak_REL0310
File: intel/ibt-19-32-0.sfi
Version: BT_HarrisonPeak_REL0310
File: intel/ibt-19-32-0.ddc
Version: BT_HarrisonPeak_REL0310

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/rtl8723bs_fw.bin
File: rtl_bt/rtl8723bs_config-OBDA8723.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
File: rtl_bt/rtl8723d_fw.bin
File: rtl_bt/rtl8723d_config.bin
File: rtl_bt/rtl8821c_fw.bin
File: rtl_bt/rtl8821c_config.bin
File: rtl_bt/rtl8822cu_fw.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
Files rtl_bt/rtl8822b_* came directly from Realtek. These files are updated on April 14, 2017.
Files rtl_bt/rtl8821c_* and rtl_bt/rtl8723d_* came directly from Realtek.
File rtl_bt/rtl8822cu_fw.bin came directly from Realtek.
updated on February 24, 2019
File rtl_bt/rtl8822cu_fw.bin came directly from Realtek.

Driver: btmtk_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

File: rp2.fw

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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

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Driver: ccp - Platform Security Processor (PSP) device

File: amd/amd_sev_fam17h_model0xh.sbin
Version: 2019-02-13

License: Redistributable. See LICENSE.amd-sev 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: 2018-05-24
File: amd-ucode/microcode_amd_fam16h.bin
Version: 2014-10-28
File: amd-ucode/microcode_amd_fam17h.bin
Version: 2018-11-28

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

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)

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

File: rsi/rs9113_wlan_qspi.rps
Version: 1.6.1

File: rsi/rs9113_wlan_bt_dual_mode.rps
Version: 1.6.1

File: rsi/rs9113_ap_bt_dual_mode.rps
Version: 1.6.1

File: rsi/rs9116_wlan.rps
Version: 1.0.5b

File: rsi/rs9116_wlan_bt_classic.rps
Version: 1.0.5b

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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

Licence: 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

Licence: 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

Driver: snd_soc_sst_acpi

File: intel/IntcSST2.bin

Version: 8.4.1.77

Licence: Redistributable. See LICENCE.IntcSST2 for details

Driver: snd_intel_sst_core

File: intel/fw_sst_0f28.bin

File: intel/fw_sst_0f28_ssp0.bin

Licence: Redistributable. See LICENCE.fw_sst_0f28 for details

Driver: snd_intel_sst_core

File: intel/fw_sst_22a8.bin

Version: 01.0B.02.02

Licence: Redistributable. See LICENCE.fw_sst_0f28 for details

Driver: snd-soc-skl

File: intel/dsp_fw_release_v969.bin

Version: 8.20.00.969

File: intel/dsp_fw_release_v3402.bin

Version: 9.21.00.3402_161

Link: intel/dsp_fw_release.bin -> intel/dsp_fw_release_v3402.bin

Licence: Redistributable. See LICENCE.adsp_sst for details

File: intel/dsp_fw_bxtn_v2219.bin

Version: 9.22.01.2219_64

File: intel/dsp_fw_bxtn_v3366.bin

Version: 9.22.01.3366_157

Link: intel/dsp_fw_bxtn.bin -> intel/dsp_fw_bxtn_v3366.bin

Licence: 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
File: intel/dsp_fw_kbl_v2042.bin
Version: 9.21.00.2042_46
File: intel/dsp_fw_kbl_v2630.bin
Version: 9.21.00.2630_97
File: intel/dsp_fw_kbl_v3266.bin
Version: 9.21.00.3266_144
File: intel/dsp_fw_kbl_v3420.bin
Version: 9.21.00.3420_163
File: intel/dsp_fw_kbl_v3402.bin
Version: 9.21.00.3402_161
Link: intel/dsp_fw_kbl.bin -> dsp_fw_kbl_v3402.bin

License: Redistributable. See LICENCE.adsp_sst for details

File: intel/dsp_fw_glk_v1814.bin
Version: 9.92.01.1814
File: intel/dsp_fw_glk_v2880.bin
Version: 9.22.00.2880
File: intel/dsp_fw_glk_v2768.bin
Version: 9.22.01.2768
File: intel/dsp_fw_glk_v3366.bin
Version: 9.22.01.3366_157
Link: intel/dsp_fw_glk.bin -> dsp_fw_glk_v3366.bin

File: intel/dsp_fw_cnl_v1191.bin
Version: 10.00.00.1191
File: intel/dsp_fw_cnl_v1858.bin
Version: 10.23.00.1858
File: intel/dsp_fw_cnl.bin
Link: intel/dsp_fw_cnl.bin -> intel/dsp_fw_cnl_v1858.bin

License: Redistributable. See LICENCE.adsp_sst for details

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: sms1xxx-hcw-55xxx-dvbt-02.fw
File: sms1xxx-hcw-55xxx-isdbt-02.fw
File: sms1xxx-nova-a-dvbt-01.fw
File: sms1xxx-nova-b-dvbt-01.fw
File: sms1xxx-stellar-dvbt-01.fw
File: tdmb_nova_12mhz.inp

Licence: Redistributable. See LICENCE.siano for details

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: tegra-vic -- NVIDIA Tegra VIC driver

File: nvidia/tegra124/vic03_ucode.bin
File: nvidia/tegra210/vic04_ucode.bin
File: nvidia/tegra186/vic04_ucode.bin

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
File: atusb/atusb-0.3.dfu
Version: 0.3
File: atusb/rzusb-0.3.bin
Version: 0.3
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
File: qca/rampatch_00130300.bin
File: qca/rampatch_00130302.bin
File: qca/crbtfw21.tlv
File: qca/crnv21.bin
File: qca/nvm_00440302.bin
File: qca/rampatch_00440302.bin

Licence: Redistributable. See LICENSE.QualcommAtheros_ath10k and qca/NOTICE.txt for details

Driver: liquidio -- Cavium LiquidIO driver

File: liquidio/lio_23xx_nic.bin
Version: v1.7.2

File: liquidio/lio_23xx_vsw.bin
Version: v1.7.2

File: liquidio/lio_210nv_nic.bin
Version: v1.7.2

File: liquidio/lio_210sv_nic.bin
Version: v1.7.2

File: liquidio/lio_410nv_nic.bin
Version: v1.7.2

Licence: Redistributable. See LICENCE.cavium_liquidio for details

Driver: nitrox -- Cavium CNN55XX crypto driver

File: cavium/cnn55xx_ae.fw
Version: v01

File: cavium/cnn55xx_se.fw
Version: v10

Licence: Redistributable. See LICENCE.cavium for details

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_27.bin
File: i915/skl_dmc_ver1.bin
Version: DMC API/ABI ver 1 - release 27 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/kbl_dmc_ver1_04.bin
File: i915/kbl_dmc_ver1_04.bin
Version: DMC API/ABI ver 1 - release 04 for Kabylake

File: i915/skl_guc_ver1.bin
Version: Guc API/ABI ver 1 - release 1059 for Skylake

File: i915/skl_guc_ver4.bin
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

File: i915/skl_guc_ver9_33.bin
Version: Guc API/ABI ver 9 - release 33 for Skylake

File: i915/skl_guc_32.0.3.bin
Version: Guc API/ABI ver 32 - release 0 for Skylake

File: i915/skl_guc_33.0.0.bin
Version: Guc API/ABI ver 33 - release 0 for Skylake

File: i915/skl_huc_ver01_07_1398.bin
Version: HuC API/ABI ver 1 - release 7 for Skylake

File: i915/bxt_huc_ver01_07_1398.bin
Version: HuC API/APB ver 1 - release 7 for Broxton

File: i915/bxt_huc_ver01_8_2893.bin
Version: HuC API/APB ver 1 - release 8 for Broxton

File: i915/kbl_huc_ver02_00_1810.bin
Version: HuC API/APB ver 2 - for Kabylake

File: i915/bxt_guc_ver8_7.bin
Version: Guc API/APB ver 8 - release 7 for Broxton

File: i915/bxt_guc_ver9_29.bin
Version: Guc API/APB ver 9 - release 29 for Broxton

File: i915/bxt_guc_32.0.3.bin
Version: Guc API/APB ver 32 - release 0 for Broxton

File: i915/bxt_guc_33.0.0.bin
Version: Guc API/APB ver 33 - release 0 for Broxton

File: i915/kbl_guc_ver9_14.bin
Version: Guc API/APB ver 9 release 14 for Kabylake

File: i915/kbl_guc_ver9_39.bin
Version: Guc API/APB ver 9 release 39 for Kabylake

File: i915/kbl_guc_32.0.3.bin
Version: Guc API/APB ver 32 release 0 for Kabylake

File: i915/kbl_guc_33.0.0.bin
Version: Guc API/APB ver 33 release 0 for Kabylake

File: i915/glk_guc_32.0.3.bin
Version: Guc API/APB ver 32 release 0 for Geminilake

File: i915/glk_guc_33.0.0.bin
Version: Guc API/APB ver 33 release 0 for Geminilake

File: i915/glk_huc_ver03_01_2893.bin
Version: Huc API/APB ver 3 release 1 for Geminilake

File: i915/glk_dmc_ver1_04.bin
Version: DMC API/ABI ver 1 - release 04 for Geminilake

File: i915/cnl_dmc_ver1_06.bin
Version: DMC API/ABI ver 1 - release 06 for Cannonlake

File: i915/cnl_dmc_ver1_07.bin
Version: DMC API/ABI ver 1 - release 07 for Cannonlake

File: i915/icl_dmc_ver1_07.bin
Version: DMC API/ABI ver 1 - release 07 for icelake

File: i915/icl_guc_32.0.3.bin
Version: Guc API/APB ver 32 release 0 for Icelake

File: i915/icl_guc_33.0.0.bin
Version: Guc API/APB ver 33 release 0 for Icelake

File: i915/icl_huc_ver8_4_3238.bin
Version: Huc API/APB ver 8 release 4 for Icelake
License: Redistributable. See LICENSE.i915 for details

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
File: nvidia/gm200/gr/sw_method_init.bin
File: nvidia/gm200/gr/sw_nonctx.bin
File: nvidia/gm204/acr/bl.bin
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
File: nvidia/gm206/gr/fecs_bl.bin
File: nvidia/gm206/gr/fecs_data.bin
File: nvidia/gm206/gr/fecs_inst.bin
File: nvidia/gm206/gr/fecs_sig.bin
File: nvidia/gm206/gr/gpccs_bl.bin
File: nvidia/gm206/gr/gpccs_data.bin

File: nvidia/gm206/gr/gpccs_inst.bin
File: nvidia/gm206/gr/gpccs_sig.bin
File: nvidia/gm206/gr/sw_bundle_init.bin
File: nvidia/gm206/gr/sw_ctx.bin
File: nvidia/gm206/gr/sw_method_init.bin
File: nvidia/gm206/gr/sw_nonctx.bin
File: nvidia/gm20b/acr/bl.bin
File: nvidia/gm20b/acr/ucode_load.bin
File: nvidia/gm20b/gr/fecs_bl.bin
File: nvidia/gm20b/gr/fecs_data.bin
File: nvidia/gm20b/gr/fecs_inst.bin
File: nvidia/gm20b/gr/fecs_sig.bin
File: nvidia/gm20b/gr/gpccs_data.bin
File: nvidia/gm20b/gr/gpccs_inst.bin
File: nvidia/gm20b/gr/sw_bundle_init.bin
File: nvidia/gm20b/gr/sw_ctx.bin
File: nvidia/gm20b/gr/sw_method_init.bin
File: nvidia/gm20b/gr/sw_nonctx.bin
File: nvidia/gm20b/pmu/desc.bin
File: nvidia/gm20b/pmu/image.bin
File: nvidia/gm20b/pmu/sig.bin
File: nvidia/gp100/acr/bl.bin
File: nvidia/gp100/acr/ucode_load.bin
File: nvidia/gp100/acr/ucode_unload.bin
File: nvidia/gp100/gr/fecs_bl.bin
File: nvidia/gp100/gr/fecs_data.bin
File: nvidia/gp100/gr/fecs_inst.bin
File: nvidia/gp100/gr/fecs_sig.bin
File: nvidia/gp100/gr/gpccs_bl.bin
File: nvidia/gp100/gr/gpccs_data.bin
File: nvidia/gp100/gr/gpccs_inst.bin
File: nvidia/gp100/gr/gpccs_sig.bin
File: nvidia/gp100/gr/sw_bundle_init.bin
File: nvidia/gp100/gr/sw_ctx.bin
File: nvidia/gp100/gr/sw_method_init.bin
File: nvidia/gp100/gr/sw_nonctx.bin
File: nvidia/gp102/acr/bl.bin
File: nvidia/gp102/acr/ucode_load.bin
File: nvidia/gp102/acr/ucode_unload.bin
File: nvidia/gp102/acr/unload_bl.bin
File: nvidia/gp102/gr/fecs_bl.bin
File: nvidia/gp102/gr/fecs_data.bin
File: nvidia/gp102/gr/fecs_inst.bin
File: nvidia/gp102/gr/fecs_sig.bin
File: nvidia/gp102/gr/gpccs_bl.bin
File: nvidia/gp102/gr/gpccs_data.bin
File: nvidia/gp102/gr/gpccs_inst.bin
File: nvidia/gp102/gr/gpccs_sig.bin
File: nvidia/gp102/gr/sw_bundle_init.bin
File: nvidia/gp102/gr/sw_ctx.bin
File: nvidia/gp102/gr/sw_method_init.bin
File: nvidia/gp102/gr/sw_nonctx.bin
File: nvidia/gp102/nvdec/scrubber.bin
File: nvidia/gp102/sec2/desc.bin
File: nvidia/gp102/sec2/image.bin
File: nvidia/gp102/sec2/sig.bin
File: nvidia/gp102/sec2/desc-1.bin
File: nvidia/gp102/sec2/image-1.bin
File: nvidia/gp102/sec2/sig-1.bin
File: nvidia/gp104/acr/bl.bin
File: nvidia/gp104/acr/ucode_load.bin
File: nvidia/gp104/acr/ucode_unload.bin
File: nvidia/gp104/acr/unload_bl.bin
File: nvidia/gp104/gr/fecs_bl.bin
File: nvidia/gp104/gr/fecs_data.bin
File: nvidia/gp104/gr/fecs_inst.bin
File: nvidia/gp104/gr/fecs_sig.bin
File: nvidia/gp104/gr/gpccs_bl.bin
File: nvidia/gp104/gr/gpccs_data.bin
File: nvidia/gp104/gr/gpccs_inst.bin
File: nvidia/gp104/gr/gpccs_sig.bin
File: nvidia/gp104/gr/sw_bundle_init.bin
File: nvidia/gp104/gr/sw_ctx.bin
File: nvidia/gp104/gr/sw_method_init.bin
File: nvidia/gp104/gr/sw_nonctx.bin
File: nvidia/gp104/nvdec/scrubber.bin
File: nvidia/gp104/sec2/desc.bin

File: nvidia/gp104/sec2/image.bin
File: nvidia/gp104/sec2/sig.bin
File: nvidia/gp104/sec2/desc-1.bin
File: nvidia/gp104/sec2/image-1.bin
File: nvidia/gp104/sec2/sig-1.bin
File: nvidia/gp106/acr/bl.bin
File: nvidia/gp106/acr/ucode_load.bin
File: nvidia/gp106/acr/ucode_unload.bin
File: nvidia/gp106/acr/unload_bl.bin
File: nvidia/gp106/gr/fecs_bl.bin
File: nvidia/gp106/gr/fecs_data.bin
File: nvidia/gp106/gr/fecs_inst.bin
File: nvidia/gp106/gr/fecs_sig.bin
File: nvidia/gp106/gr/gpccs_bl.bin
File: nvidia/gp106/gr/gpccs_data.bin
File: nvidia/gp106/gr/gpccs_inst.bin
File: nvidia/gp106/gr/gpccs_sig.bin
File: nvidia/gp106/gr/sw_bundle_init.bin
File: nvidia/gp106/gr/sw_ctx.bin
File: nvidia/gp106/gr/sw_method_init.bin
File: nvidia/gp106/gr/sw_nonctx.bin
File: nvidia/gp106/nvdec/scrubber.bin
File: nvidia/gp106/sec2/desc.bin
File: nvidia/gp106/sec2/image.bin
File: nvidia/gp106/sec2/desc-1.bin
File: nvidia/gp106/sec2/image-1.bin
File: nvidia/gp106/sec2/sig-1.bin
File: nvidia/gp107/acr/bl.bin
File: nvidia/gp107/acr/ucode_load.bin
File: nvidia/gp107/acr/ucode_unload.bin
File: nvidia/gp107/acr/unload_bl.bin
File: nvidia/gp107/gr/fecs_bl.bin
File: nvidia/gp107/gr/fecs_data.bin
File: nvidia/gp107/gr/fecs_inst.bin
File: nvidia/gp107/gr/fecs_sig.bin
File: nvidia/gp107/gr/gpccs_bl.bin
File: nvidia/gp107/gr/gpccs_data.bin
File: nvidia/gp107/gr/gpccs_inst.bin
File: nvidia/gp107/gr/gpccs_sig.bin
File: nvidia/gp107/gr/sw_bundle_init.bin
File: nvidia/gp107/gr/sw_ctx.bin
File: nvidia/gp107/gr/sw_method_init.bin
File: nvidia/gp107/gr/sw_nonctx.bin
File: nvidia/gp107/nvdec/scrubber.bin
File: nvidia/gp107/sec2/desc.bin
File: nvidia/gp107/sec2/image.bin
File: nvidia/gp107/sec2/desc-1.bin
File: nvidia/gp107/sec2/image-1.bin
File: nvidia/gp107/sec2/sig-1.bin
File: nvidia/gp10b/acr/bl.bin
File: nvidia/gp10b/acr/ucode_load.bin
File: nvidia/gp10b/gr/fecs_bl.bin
File: nvidia/gp10b/gr/fecs_data.bin
File: nvidia/gp10b/gr/fecs_inst.bin
File: nvidia/gp10b/gr/fecs_sig.bin
File: nvidia/gp10b/gr/gpccs_bl.bin
File: nvidia/gp10b/gr/gpccs_data.bin
File: nvidia/gp10b/gr/gpccs_inst.bin
File: nvidia/gp10b/gr/gpccs_sig.bin
File: nvidia/gp10b/gr/sw_bundle_init.bin
File: nvidia/gp10b/gr/sw_ctx.bin
File: nvidia/gp10b/gr/sw_method_init.bin
File: nvidia/gp10b/gr/sw_nonctx.bin
File: nvidia/gp10b/pmu/desc.bin
File: nvidia/gp10b/pmu/image.bin
File: nvidia/gp10b/pmu/sig.bin
File: nvidia/gp108/acr/bl.bin
File: nvidia/gp108/acr/ucode_load.bin
File: nvidia/gp108/acr/ucode_unload.bin
File: nvidia/gp108/acr/unload_bl.bin
File: nvidia/gp108/gr/fecs_bl.bin
File: nvidia/gp108/gr/fecs_data.bin
File: nvidia/gp108/gr/fecs_inst.bin
File: nvidia/gp108/gr/fecs_sig.bin
File: nvidia/gp108/gr/gpccs_bl.bin

File: nvidia/gp108/gr/gpccs_data.bin
File: nvidia/gp108/gr/gpccs_inst.bin
File: nvidia/gp108/gr/gpccs_sig.bin
File: nvidia/gp108/gr/sw_bundle_init.bin
File: nvidia/gp108/gr/sw_ctx.bin
File: nvidia/gp108/gr/sw_method_init.bin
File: nvidia/gp108/gr/sw_nonctx.bin
File: nvidia/gp108/nvdec/scrubber.bin
File: nvidia/gp108/sec2/desc.bin
File: nvidia/gp108/sec2/image.bin
File: nvidia/gp108/sec2/sig.bin
File: nvidia/gv100/acr/bl.bin
File: nvidia/gv100/acr/ucode_load.bin
File: nvidia/gv100/acr/ucode_unload.bin
File: nvidia/gv100/acr/unload_bl.bin
File: nvidia/gv100/gr/fecs_bl.bin
File: nvidia/gv100/gr/fecs_data.bin
File: nvidia/gv100/gr/fecs_inst.bin
File: nvidia/gv100/gr/fecs_sig.bin
File: nvidia/gv100/gr/gpccs_bl.bin
File: nvidia/gv100/gr/gpccs_data.bin
File: nvidia/gv100/gr/gpccs_inst.bin
File: nvidia/gv100/gr/gpccs_sig.bin
File: nvidia/gv100/gr/sw_bundle_init.bin
File: nvidia/gv100/gr/sw_ctx.bin
File: nvidia/gv100/gr/sw_method_init.bin
File: nvidia/gv100/gr/sw_nonctx.bin
File: nvidia/gv100/nvdec/scrubber.bin
File: nvidia/gv100/sec2/desc.bin
File: nvidia/gv100/sec2/image.bin
File: nvidia/gv100/sec2/sig.bin

File: nvidia/tu10x/typec/ccg_primary.cyacd
File: nvidia/tu10x/typec/ccg_secondary.cyacd
File: nvidia/tu10x/typec/ccg_boot.cyacd

Licence: Redistributable. See LICENCE.nvidia for details

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
File: atmel/wilc1000_wifi_firmware.bin

License: Redistributable. See LICENSE.atmel for details

Driver: hfi1 - Intel OPA Gen 1 adapter

File: hfi1_dc8051.fw
Version: 1.27.0
File: hfi1_fabric.fw
Version: 0x1055
File: hfi1_pcie.fw
Version: 0x4755
File: hfi1_sbus.fw
Version: 0x10130001

Licence: Redistributable. See LICENSE.hfi1_firmware for details

Driver: knav_qmss_queue - TI Keystone 2 QMSS driver

File: ti-keystone/ks2_qmss_pdsp_acc48_k2_le_1_0_0_9.bin

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

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

File: mwlfwif/88W8864.bin

Version: 7.2.8.6

File: mwlwifi/88W8897.bin
Version: 8.2.0.10

Licence: Redistributable. See LICENCE.Marvell for details.

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

File: vpu_d.bin
File: vpu_p.bin

Licence: Redistributable.

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Driver: btmtk - MediaTek Bluetooth Driver

File: mediatek/mt7622pr2h.bin
Version: 20180621204904
File: mediatek/mt7668pr2h.bin
Version: 20180517181834

Licence: Redistributable. See LICENCE.mediatek for details.

Driver: rk3399-dptx - ROCKCHIP rk3399 dptx firmware

File: rockchip/dptx.bin
Version: 3.1

Licence: Redistributable. See LICENCE.rockchip for details.

Driver: mt76x0 - MediaTek MT76x0 Wireless MACs

File: mediatek/mt7610u.bin
File: mediatek/mt7610e.bin
Version: 2.6
File: mediatek/mt7650e.bin
Version: 1.0.07-b370

Licence: Redistributable. See LICENCE.mediatek for details.

Driver: mt76x2e - MediaTek MT76x2 Wireless MACs

File: mt7662.bin
Version: 1.9

File: mt7662_rom_patch.bin
Version: 0.0.2_P69

Licence: Redistributable. See LICENCE.ralink_a_mediatek_company_firmware for details

Driver: mt76x2u - MediaTek MT76x2u Wireless MACs

File: mediatek/mt7662u.bin
Version: 1.5

File: mediatek/mt7662u_rom_patch.bin
Version: 0.0.2_P48

Licence: Redistributable. See LICENCE.mediatek for details.

Driver: mt7615e - MediaTek MT7615e Wireless MACs

File: mediatek/mt7615_n9.bin
Version: 20190114
File: mediatek/mt7615_cr4.bin
Version: 20190114
File: mediatek/mt7615_rom_patch.bin
Version: 20190114

Licence: Redistributable. See LICENCE.mediatek for details.

Driver: nfp - Netronome Flow Processor

Link: netronome/nic_AMDA0081-0001_1x40.nffw -> nic/nic_AMDA0081-0001_1x40.nffw
Link: netronome/nic_AMDA0097-0001_2x40.nffw -> nic/nic_AMDA0097-0001_2x40.nffw
Link: netronome/nic_AMDA0099-0001_2x10.nffw -> nic/nic_AMDA0099-0001_2x10.nffw
Link: netronome/nic_AMDA0081-0001_4x10.nffw -> nic/nic_AMDA0081-0001_4x10.nffw
Link: netronome/nic_AMDA0097-0001_4x10_1x40.nffw -> nic/nic_AMDA0097-0001_4x10_1x40.nffw
Link: netronome/nic_AMDA0099-0001_1x10_1x25.nffw -> nic/nic_AMDA0099-0001_1x10_1x25.nffw
Link: netronome/nic_AMDA0099-0001_2x25.nffw -> nic/nic_AMDA0099-0001_2x25.nffw
Link: netronome/nic_AMDA0096-0001_2x10.nffw -> nic/nic_AMDA0096-0001_2x10.nffw
Link: netronome/nic_AMDA0097-0001_8x10.nffw -> nic/nic_AMDA0097-0001_8x10.nffw
Link: netronome/nic_AMDA0058-0011_2x40.nffw -> nic/nic_AMDA0058-0011_2x40.nffw
Link: netronome/nic_AMDA0058-0012_2x40.nffw -> nic/nic_AMDA0058-0012_2x40.nffw
Link: netronome/nic_AMDA0078-0011_1x100.nffw -> nic/nic_AMDA0078-0011_1x100.nffw
File: netronome/nic/nic_AMDA0081-0001_1x40.nffw
File: netronome/nic/nic_AMDA0097-0001_2x40.nffw
File: netronome/nic/nic_AMDA0099-0001_2x10.nffw
File: netronome/nic/nic_AMDA0081-0001_4x10.nffw
File: netronome/nic/nic_AMDA0097-0001_4x10_1x40.nffw
File: netronome/nic/nic_AMDA0099-0001_1x10_1x25.nffw
File: netronome/nic/nic_AMDA0099-0001_2x25.nffw
File: netronome/nic/nic_AMDA0096-0001_2x10.nffw
File: netronome/nic/nic_AMDA0097-0001_8x10.nffw
File: netronome/nic/nic_AMDA0058-0011_2x40.nffw
File: netronome/nic/nic_AMDA0058-0012_2x40.nffw
File: netronome/nic/nic_AMDA0078-0011_1x100.nffw
File: netronome/nic-sriov/nic_AMDA0081-0001_1x40.nffw
File: netronome/nic-sriov/nic_AMDA0097-0001_2x40.nffw
File: netronome/nic-sriov/nic_AMDA0099-0001_2x10.nffw
File: netronome/nic-sriov/nic_AMDA0081-0001_4x10.nffw
File: netronome/nic-sriov/nic_AMDA0097-0001_4x10_1x40.nffw
File: netronome/nic-sriov/nic_AMDA0099-0001_1x10_1x25.nffw
File: netronome/nic-sriov/nic_AMDA0099-0001_2x25.nffw
File: netronome/nic-sriov/nic_AMDA0096-0001_2x10.nffw
File: netronome/nic-sriov/nic_AMDA0097-0001_8x10.nffw
File: netronome/nic-sriov/nic_AMDA0058-0011_2x40.nffw
File: netronome/nic-sriov/nic_AMDA0058-0012_2x40.nffw
File: netronome/nic-sriov/nic_AMDA0078-0011_1x100.nffw

Version: v2.1.16.1

File: netronome/flower/nic_AMDA0099.nffw
File: netronome/flower/nic_AMDA0096.nffw
File: netronome/flower/nic_AMDA0097.nffw
File: netronome/flower/nic_AMDA0058.nffw
Link: netronome/flower/nic_AMDA0081.nffw -> netronome/flower/nic_AMDA0097.nffw
Link: netronome/flower/nic_AMDA0081-0001_1x40.nffw -> netronome/flower/nic_AMDA0081.nffw
Link: netronome/flower/nic_AMDA0097-0001_2x40.nffw -> netronome/flower/nic_AMDA0097.nffw
Link: netronome/flower/nic_AMDA0099-0001_2x10.nffw -> netronome/flower/nic_AMDA0099.nffw
Link: netronome/flower/nic_AMDA0081-0001_4x10.nffw -> netronome/flower/nic_AMDA0081.nffw
Link: netronome/flower/nic_AMDA0097-0001_4x10_1x40.nffw -> netronome/flower/nic_AMDA0097.nffw
Link: netronome/flower/nic_AMDA0099-0001_2x25.nffw -> netronome/flower/nic_AMDA0099.nffw
Link: netronome/flower/nic_AMDA0096-0001_2x10.nffw -> netronome/flower/nic_AMDA0096.nffw
Link: netronome/flower/nic_AMDA0097-0001_8x10.nffw -> netronome/flower/nic_AMDA0097.nffw
Link: netronome/flower/nic_AMDA0099-0001_1x10_1x25.nffw -> netronome/flower/nic_AMDA0099.nffw
Link: netronome/flower/nic_AMDA0058-0011_1x100.nffw -> netronome/flower/nic_AMDA0058.nffw
Link: netronome/flower/nic_AMDA0058-0011_2x40.nffw -> netronome/flower/nic_AMDA0058.nffw

Link: netronome/flower/nic_AMDAA0058-0011_4x10_1x40.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0058-0011_8x10.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0058-0012_1x100.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0058-0012_2x40.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0058-0012_4x10_1x40.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0058-0012_8x10.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0078-0011_1x100.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0078-0011_2x40.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0078-0011_4x10_1x40.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0078-0011_8x10.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0078-0012_1x100.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0078-0012_2x40.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0078-0012_4x10_1x40.nffw -> netronome/flower/nic_AMDAA0058.nffw
Link: netronome/flower/nic_AMDAA0078-0012_8x10.nffw -> netronome/flower/nic_AMDAA0058.nffw

Version: AOTC-2.10.A.38

File: netronome/bpf/nic_AMDAA0081-0001_1x40.nffw
File: netronome/bpf/nic_AMDAA0097-0001_2x40.nffw
File: netronome/bpf/nic_AMDAA0099-0001_2x10.nffw
File: netronome/bpf/nic_AMDAA0081-0001_4x10.nffw
File: netronome/bpf/nic_AMDAA0097-0001_4x10_1x40.nffw
File: netronome/bpf/nic_AMDAA0099-0001_1x10_1x25.nffw
File: netronome/bpf/nic_AMDAA0099-0001_2x25.nffw
File: netronome/bpf/nic_AMDAA0096-0001_2x10.nffw
File: netronome/bpf/nic_AMDAA0097-0001_8x10.nffw
File: netronome/bpf/nic_AMDAA0058-0011_2x40.nffw
File: netronome/bpf/nic_AMDAA0058-0012_2x40.nffw
File: netronome/bpf/nic_AMDAA0078-0011_1x100.nffw

Version: v2.0.6.124

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Driver: wil6210 - Qualcomm Atheros support for 11ad family of chips

File: wil6210.fw
File: wil6210.brđ
Version: 5.2.0.18

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Driver: venus - Qualcomm Venus video codec accelerator

File: qcom/venus-1.8/venus.mdt
File: qcom/venus-1.8/venus.b00
File: qcom/venus-1.8/venus.b01
File: qcom/venus-1.8/venus.b02
File: qcom/venus-1.8/venus.b03
File: qcom/venus-1.8/venus.b04

Version: 1.8-00109

File: qcom/venus-4.2/venus.mdt
File: qcom/venus-4.2/venus.b00
File: qcom/venus-4.2/venus.b01
File: qcom/venus-4.2/venus.b02
File: qcom/venus-4.2/venus.b03
File: qcom/venus-4.2/venus.b04

Version: 4.2

File: qcom/venus-5.2/venus.mdt
File: qcom/venus-5.2/venus.b00
File: qcom/venus-5.2/venus.b01
File: qcom/venus-5.2/venus.b02
File: qcom/venus-5.2/venus.b03
File: qcom/venus-5.2/venus.b04
File: qcom/venus-5.2/venus.mbn

Version: 5.2-00023

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<https://developer.qualcomm.com/hardware/dragonboard-410c/tools>

Driver: imx-sdma - support for i.MX SDMA driver

File: imx/sdma/sdma-imx6q.bin
Version: 3.3
File: imx/sdma/sdma-imx7d.bin
Version: 4.2

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Driver: adreno - Qualcomm Adreno GPU firmware

File: qcom/a300_pfp.fw
Link: a300_pfp.fw -> qcom/a300_pfp.fw
File: qcom/a300_pm4.fw
Link: a300_pm4.fw -> qcom/a300_pm4.fw
File: qcom/a530_pfp.fw
File: qcom/a530_pm4.fw
File: qcom/a530v3_gpmu.fw2
File: qcom/a530_zap.b00
File: qcom/a530_zap.b01
File: qcom/a530_zap.b02
File: qcom/a530_zap.mdt

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<https://developer.qualcomm.com/hardware/dragonboard-410c/tools>

Driver: mlxsw_spectrum - Mellanox Spectrum switch

File: mellanox/mlxsw_spectrum-13.1420.122.mfa2
File: mellanox/mlxsw_spectrum-13.1530.152.mfa2
File: mellanox/mlxsw_spectrum-13.1620.192.mfa2
File: mellanox/mlxsw_spectrum-13.1702.6.mfa2
File: mellanox/mlxsw_spectrum-13.1703.4.mfa2
File: mellanox/mlxsw_spectrum-13.1910.622.mfa2
File: mellanox/mlxsw_spectrum-13.2000.1122.mfa2

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Driver: cdns-mhdp - Cadence MHDP DP bridge

File: cadence/mhdp8546.bin
Version: 1.2.15

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Driver: fsl-mc bus - NXP Management Complex Bus Driver

File: dpaa2/mc/mc_10.10.0_ls1088a.itb
File: dpaa2/mc/mc_10.10.0_ls2088a.itb
File: dpaa2/mc/mc_10.10.0_lx2160a.itb
File: dpaa2/mc/mc_10.14.3_ls1088a.itb
File: dpaa2/mc/mc_10.14.3_ls2088a.itb
File: dpaa2/mc/mc_10.14.3_lx2160a.itb
File: dpaa2/mc/mc_10.16.2_ls1088a.itb
File: dpaa2/mc/mc_10.16.2_ls2088a.itb
File: dpaa2/mc/mc_10.16.2_lx2160a.itb

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Driver: msc-phy - Microchip PHY drivers

File: microchip/mscc_vsc8574_revb_int8051_29e8.bin
File: microchip/mscc_vsc8584_revb_int8051_fb48.bin

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Driver: meson-vdec - Amlogic video decoder

File: meson/vdec/g12a_h264.bin
File: meson/vdec/g12a_vp9.bin
File: meson/vdec/gxbb_h264.bin
File: meson/vdec/gxl_h263.bin
File: meson/vdec/gxl_h264.bin
File: meson/vdec/gxl_hevc.bin
File: meson/vdec/gxl_hevc_mmu.bin
File: meson/vdec/gxl_mjpeg.bin
File: meson/vdec/gxl_mpeg12.bin
File: meson/vdec/gxl_mpeg4_5.bin
File: meson/vdec/gxm_h264.bin

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6.41 generic_BSL-1.0

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6.42 generic_vim

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6.43 generic_GPLv2.0

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6.44 generic_MPLv1.1

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