

# technicolor



**UIW4020ETI**

**v2.1.23**

## **Open Source Report**

This document aims to describe the Open Source Software which are embedded in product  
**UIW4020ETI**

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# **UIW4020ETI**

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<b>Product</b>	<b>UIW4020ETI</b>
<b>Version</b>	<b>v2.1.23</b>
<b>Open Source Modules</b>	<b>545</b>

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Module Name	Module Version	Module License
abi/cpp/libgabi++	undefined	BSDlike
art/compiler/libart-compiler	android-n-preview-2-2669-g4aea2cc	Apache-2.0
art/dalvikvm/dalvikvm	android-n-preview-2-2669-g4aea2cc	Apache-2.0
art/dex2oat/dex2oat	android-n-preview-2-2669-g4aea2cc	Apache-2.0
art/dexlist/dexlist	android-n-preview-2-2669-g4aea2cc	Apache-2.0
art/disassembler/libart-disassembler	android-n-preview-2-2669-g4aea2cc	Apache-2.0
art/libart_fake/libart_fake	android-n-preview-2-2669-g4aea2cc	Apache-2.0
art/oatdump/oatdump	android-n-preview-2-2669-g4aea2cc	Apache-2.0
art/patchoat/patchoat	android-n-preview-2-2669-g4aea2cc	Apache-2.0
art/profman/profman	android-n-preview-2-2669-g4aea2cc	Apache-2.0
art/runtime/libart	android-n-preview-2-2669-g4aea2cc	Apache-2.0
art/runtime/libopenjdkjvm	android-n-preview-2-2669-g4aea2cc	Apache-2.0
art/sigchainlib/libsigchain	android-n-preview-2-2669-g4aea2cc	Apache-2.0
bionic/libc/libc	android-cts-7.1_r9-81-g86720ea	BSDlike
bionic/libc/libstdc++	android-cts-7.1_r9-81-g86720ea	BSDlike
bionic/libc/malloc_debug/libc_malloc_debug	android-cts-7.1_r9-81-g86720ea	BSDlike
bionic/libdl/libdl	android-cts-7.1_r9-81-g86720ea	BSDlike
bionic/libm/libm	android-cts-7.1_r9-81-g86720ea	BSDlike
bionic/linker/linker	android-cts-7.1_r9-81-g86720ea	Apache-2.0
bootable/recovery/applypatch/applypatch	android-cts-7.1_r3-46-g649ff58	BSDlike, Apache-2.0
bootable/recovery/recovery	android-cts-7.1_r3-39-g8e26787	Apache-2.0
bootable/recovery/uncrypt/uncrypt	android-cts-7.1_r3-39-g8e26787	Apache-2.0
bootable/recovery/update_verifier/update_verifier	android-cts-7.1_r3-39-g8e26787	Apache-2.0
CryptoJS	3.1.02	BSD-3-Clause
dalvik/dexdump/dexdump	android-cts-7.1_r19-40-gb7249d4	Apache-2.0
development/cmds/monkey/monkey	android-6.0.1_r68-1870-g49453c6	Apache-2.0

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Module Name	Module Version	Module License
device/technicolor/sapphire_tch/libs/av_settings/avsettings_box_impl/lib_avsettings_box_handler	4f45b57	Apache-2.0
device/technicolor/sapphire_tch/libs/av_settings/base/jni/libavsettings_jni	wifi_repeater_fb1.0-61-g2e10aa2	Apache-2.0
device/technicolor/sapphire_tch/libs/av_settings/base/jni/libobserver_jni	wifi_repeater_fb1.0-61-g2e10aa2	Apache-2.0
device/technicolor/sapphire_tch/libs/av_settings/base/jni/liboverscan_jni	wifi_repeater_fb1.0-61-g2e10aa2	Apache-2.0
device/technicolor/sapphire_tch/libs/av_settings/libs/av_settings	wifi_repeater_fb1.0-61-g2e10aa2	Apache-2.0
device/technicolor/sapphire_tch/libs/av_settings/libs/lib_avsettings	wifi_repeater_fb1.0-61-g2e10aa2	Apache-2.0
device/technicolor/sapphire_tch/libs/av_settings/libs/lib_avsettings_client	wifi_repeater_fb1.0-61-g2e10aa2	Apache-2.0
device/technicolor/sapphire_tch/libs/av_settings/libs/lib_avsettings_impl	wifi_repeater_fb1.0-61-g2e10aa2	Apache-2.0
device/technicolor/sapphire_tch/libs/av_settings/overscan_impl/liboverscan_impl	wifi_repeater_fb1.0-61-g2e10aa2	Apache-2.0
device/technicolor/sapphire_tch/libs/realtek_bt/btmp.default.so	undefined	Apache-2.0
device/technicolor/sapphire_tch/libs/realtek_bt/rtlbtmp	undefined	Apache-2.0
Exoplayer Java	2.6.01	Apache-2.0
external/android-clat/clatd	android-cts-7.1_r19	Apache-2.0
external/boringssl/libcrypto	android-cts-7.1_r3-61-gad2f6d1	BSDlike
external/boringssl/libssl	android-cts-7.1_r3-61-gad2f6d1	BSDlike
external/bsdiff/bspatch	android-cts-7.1_r19	BSDlike
external/chromium-libpac/libpac	android-7.1.2_r36-21-g903e4dd	BSDlike
external/compiler-rt/libcompiler_rt	android-cts-7.1_r19	MIT
external/conscrypt/libjavacrypto	android-cts-7.1_r19-10-ga20e53c	Apache-2.0
external/curl/libcurl	android-cts-7.1_r19-5-g9e9293d	MIT
external/dng_sdk/libdng_sdk	android-cts-7.1_r19-6-gbbd3ada	BSD
external/dnsmasq/src/dnsmasq	android-cts-7.1_r19-29-g4ab7dc6	GPL-v2
external/e2fsprogs/e2fsck/e2fsck	android-n-iot-release-smart-display-9-gc51bfde	GPL-v2
external/e2fsprogs/e2fsck/libext2_profile	android-n-iot-release-smart-display-9-gc51bfde	GPL-v2
external/e2fsprogs/lib/blkid/libext2_blkid	android-n-iot-release-smart-display-9-gc51bfde	GPL-v2

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external/e2fsprogs/lib/e2p/libext2_e2p	android-n-iot-release-smart-display-9-gc51bfde	GPL-v2
external/e2fsprogs/lib/et/libext2_com_err	android-n-iot-release-smart-display-9-gc51bfde	GPL-v2
external/e2fsprogs/lib/ext2fs/libext2fs	android-n-iot-release-smart-display-9-gc51bfde	GPL-v2
external/e2fsprogs/lib/quota/libext2_quota	android-n-iot-release-smart-display-9-gc51bfde	GPL-v2
external/e2fsprogs/lib/uuid/libext2_uuid	android-n-iot-release-smart-display-9-gc51bfde	BSDlike
external/e2fsprogs/misc/blkid	android-n-iot-release-smart-display-9-gc51bfde	GPL-v2
external/e2fsprogs/misc/mke2fs	android-n-iot-release-smart-display-9-gc51bfde	GPL-v2
external/e2fsprogs/resize/resize2fs	android-n-iot-release-smart-display-9-gc51bfde	GPL-v2
external/expat/libexpat	android-cts-7.1_r19	BSDlike
external/f2fs-tools/fsck.f2fs	android-n-iot-release-smart-display	LGPL-v2.1
external/f2fs-tools/make_f2fs	android-n-iot-release-smart-display	LGPL-v2.1
external/freetype/libft2	android-cts-7.1_r19-16-gfead4c9	BSDlike
external/fsck_msdos/fsck_msdos	android-cts-7.1_r19	BSDlike
external/fuse/lib/libfuse	undefined	LGPL-v2.1
external/gettext/jni/gettext-runtime/intl/libintl	v0.18.1.1-3-gf614450	LGPL-v2.1, LGPL-v2
external/glib/glib/libglib-2.0	2.42.1	LGPL-v2
external/gptfdisk/sgdisk	android-n-iot-release-smart-display	GPL-v2
external/harfbuzz_ng/libharfbuzz_ng	android-cts-7.1_r19	BSDlike, MITlike
external/icu/icu4c/source/common/libicuuc	android-6.0.1_r68-653-gddb8b22	BSD, MITlike
external/icu/icu4c/source/i18n/libicui18n	android-6.0.1_r68-653-gddb8b22	BSD, MITlike
external/iproute2/ip/ip	android-cts-7.1_r19	GPL-v2
external/iproute2/lib/libiprouteutil	android-cts-7.1_r19	GPL-v2
external/iproute2/lib/libnetlink	android-cts-7.1_r19	GPL-v2
external/iproute2/tc/tc	android-cts-7.1_r19	GPL-v2
external/ipsec-tools/racoon	android-cts-7.1_r19	BSDlike
external/iptables/iptables/ip6tables	android-n-iot-release-smart-display	GPL-v2

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external/iptables/iptables/iptables	android-n-iot-release-smart-display	GPL-v2
external/iputils/ping	android-cts-7.1_r19	BSDlike
external/iputils/ping6	android-cts-7.1_r19	BSDlike
external/libatasmart/libatasmart	de62589	LGPL-v2.1
external/libbrillo/libbrillo	android-cts-7.1_r19	BSDlike
external/libbrillo/libbrillo-binder	android-cts-7.1_r19	BSDlike
external/libbrillo/libbrillo-stream	android-cts-7.1_r19	BSDlike
external/libcap/libcap	android-cts-7.1_r19	BSDlike
external/libchrome/libchrome	android-cts-7.1_r19	BSDlike
external/libcxx/libc++	android-cts-7.1_r19	BSDlike
external/libevent/libevent	android-cts-7.1_r19	BSDlike
external/libexif/libexif/libexif	android-n-iot-release-smart-display	LGPL-v2.1
external/libiconv/jni/lib/libiconv	v1.14	LGPL-v2
external/libjpeg-turbo/libjpeg	android-cts-7.1_r19	BSDlike, zlib, IJG
external/libnl/libnl	android-cts-7.0_r23-20-g0a37ab0	LGPL-v2.1
external/libopus/libopus	android-cts-7.0_r23-10-gae7f372	BSDlike
external/libpng/libpng	android-cts-7.1_r19	BSDlike
external/libunwind/libunwind	android-cts-7.1_r19	MIT
external/llvm/libllvm	android-cts-7.1_r19	BSDlike
external/lz4/lib/liblz4	android-n-iot-release-smart-display	BSDlike
external/mdnsresponder/libmdnsd	android-cts-7.1_r19	Apache-2.0
external/mdnsresponder/mdnsd	android-cts-7.1_r19	Apache-2.0
external/minijail/libminijail	android-cts-7.1_r19	BSDlike
external/miniupnp/miniupnpc/libminiupnpc	ab71270	BSDlike
external/mksh/sh	android-cts-7.1_r19	BSDlike
external/mtpd/mtpd	android-cts-7.1_r19	Apache-2.0
external/neven/libfftem	android-cts-7.1_r19	Apache-2.0
external/pcre/libpcre	android-cts-7.1_r19	BSD

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external/pcre/libpcrecpp	android-cts-7.1_r19	BSD
external/pdfium/fpdfsdk/libpdfium	android-7.1.2_r36-24-g925b403	BSDlike
external/piex/libbinary_parse	android-cts-7.1_r19	Apache-2.0
external/piex/libimage_type_recognition	android-cts-7.1_r19	Apache-2.0
external/piex/libpiex	android-cts-7.1_r19	Apache-2.0
external/piex/libtiff_directory	android-cts-7.1_r19	Apache-2.0
external/ppp/pppd/pppd	android-n-iot-release-smart-display	BSDlike
external/protobuf/libprotobuf-cpp-full	android-cts-7.1_r19	Apache-2.0
external/protobuf/libprotobuf-cpp-lite	android-cts-7.1_r19	Apache-2.0
external/sbc/libsbcb	1.3	GPL-v2, LGPL-v2.1
external/skia/libskia	android-cts-7.1_r3-72-gafd399f	BSDlike
external/sonic/libsonic	android-cts-8.0_r11	Apache-2.0
external/sonivox/arm-wt-22k/libsonivox	android-cts-7.1_r19-117-gcc417b7	Apache-2.0
external/speex/libspeexresampler	android-cts-7.1_r19	BSDlike
external/svox/pico/compat/jni/libttscompat	android-cts-7.1_r19-11-g55875af	Apache-2.0
external/svox/pico/picotts	android-cts-7.1_r19-11-g55875af	Apache-2.0
external/svox/pico/tts/libtts pico	android-cts-7.1_r19-11-g55875af	Apache-2.0
external/tinyalsa/libtinyalsa	android-cts-7.1_r19	BSDlike
external/toybox/toybox	android-cts-7.1_r19	BSDlike
external/tremolo/libvorbisidec	android-cts_7.1_r1-76-g2ce1e00	BSDlike
external/vixl/libvixl	android-cts-7.1_r19	BSDlike
external/webRTC/libwebRTC_audio_preprocessing	android-cts-7.1_r19	BSDlike
external/wpa_supplicant_8/wpa_supplicant/libwpa_client	android-cts-7.1_r19-177-g6e71849	BSDlike
external/wpa_supplicant_8/wpa_supplicant/wpa_supplicant	android-cts-7.1_r19-177-g6e71849	BSDlike
external/zlib/gzip	android-cts-7.1_r19	BSDlike
external/zlib/libz	android-cts-7.1_r19	BSDlike
frameworks/av/camera/cameraserver/cameraserver	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0





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frameworks/av/media/libstagefrightht/libstagefrightht_amrnb_common	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_amrnb_dec	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_amrnb_enc	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_amrwbenc	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_avcdec	android-6.0.1_r21-8573-gd389b7a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_avcenc	android-6.0.1_r21-8573-gd389b7a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_enc_common	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_gsmdec	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_hevcdec	android-6.0.1_r21-8573-gd389b7a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_mp3dec	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_mpeg2dec	android-6.0.1_r21-8573-gd389b7a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_opusdec	android-6.0.1_r21-8573-gd389b7a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_rawdec	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_vorbisdec	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_avc_common	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_flacenc	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_g711dec	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_mpeg4dec	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_mpeg4enc	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_vpxdec	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_vpxenc	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_foundation	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrightht/libstagefrightht_http_support	android-6.0.1_r21-8573-gd389b7a	Apache-2.0

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<b>Module Name</b>	<b>Module Version</b>	<b>Module License</b>
frameworks/av/media/libstagefrighthttplive/libstagefrighthttplive	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/libstagefrighthomx/libstagefrighthomx	android-6.0.1_r21-8573-gd389b7a	Apache-2.0
frameworks/av/media/libstagefrighthomx/libstagefrighthomx	android-6.0.1_r21-8573-gd389b7a	Apache-2.0
frameworks/av/media/libstagefrighthomx/libstagefrighthomx	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/mediaserver/mediaserver	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/mtp/libmtp	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/media/ndk/libmediandk	android-6.0.1_r21-8572-g378ed6f	Apache-2.0
frameworks/av/media/utills/libmediautills	android-6.0.1_r21-8572-g378ed6f	Apache-2.0
frameworks/av/radio/libradio	android-6.0.1_r21-8572-g378ed6f	Apache-2.0
frameworks/av/services/mediasource/manager/libresourcemanager/libresourcemanager	android-6.0.1_r21-8572-g378ed6f	Apache-2.0
frameworks/av/services/audioflinger/libaudioflinger	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/services/audioflinger/libaudiorecorder	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/services/audioflinger/libaudiorecorder	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/services/audiopolicy/engine/default/libaudiopolicyengine/default	android-6.0.1_r21-8572-g378ed6f	Apache-2.0
frameworks/av/services/audiopolicy/manager/default/libaudiopolicymanager/default	android-6.0.1_r21-8572-g378ed6f	Apache-2.0
frameworks/av/services/audiopolicy/service/default/libaudiopolicymanager/default	android-6.0.1_r21-8572-g378ed6f	Apache-2.0
frameworks/av/services/camera/libcameraservice/libcameraservice	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/services/mediacodec/libmediacodec/libmediacodec	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/services/mediacodec/libmediacodec/libmediacodec	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/services/mediadrm/libmediadrm/libmediadrm	android-6.0.1_r21-8572-g378ed6f	Apache-2.0
frameworks/av/services/mediaextractor/libmediaextractor/libmediaextractor	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/services/mediaextractor/libmediaextractor/libmediaextractor	android-6.0.1_r21-8593-gc7ab01a	Apache-2.0
frameworks/av/services/medialog/libmedialog/libmedialog	android-6.0.1_r21-8572-g378ed6f	Apache-2.0

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<b>Module Name</b>	<b>Module Version</b>	<b>Module License</b>
frameworks/av/services/radio/libradioservice	android-6.0.1_r21-8572-g378ed6f	Apache-2.0
frameworks/av/services/soundtrigger/libsoundtriggerservice	android-6.0.1_r21-8572-g378ed6f	Apache-2.0
frameworks/av/soundtrigger/libsoundtrigger	android-6.0.1_r21-8572-g378ed6f	Apache-2.0
frameworks/base/cmds/am/am	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/app_process/app_process	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/appwidget/appwidget	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/bmgr/bmgr	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/bootanimation/bootanimation	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/cmds/bu/bu	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/content/content	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/dpm/dpm	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/hid/hid	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/hid/jni/libhidcommand_jni	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/idmap/idmap	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/cmds/ime/ime	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/input/input	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/media/media_cmd	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/pm/pm	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/requestsync/requestsync	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/screencap/screencap	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/cmds/settings/settings	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/cmds/sm/sm	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/svc/svc	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/telecom/telecom	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/uiautomator/cmds/uiautomator/uiautomator	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/cmds/wm/wm	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0

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frameworks/base/core/jni/libandroid_runtime	android-m-preview-2-100528-ga02a2e8	Apache-2.0
frameworks/base/drm/jni/libdrmframework_jni	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/libs/androidfw/libandroidfw	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/libs/hwui/libhwui	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/libs/input/libinputservice	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/libs/usb/com.android.future.usb.accessory	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/location/lib/com.android.location.provider	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/media/jni/audioeffect/libaudioeffect_jni	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/media/jni/libmedia_jni	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/media/jni/soundpool/libsoundpool	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/media/lib/remotedisplay/com.android.media.remotedisplay	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/media/lib/signer/com.android.mediadrmsigner	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/media/mca/filterfw/native/libfilterfw	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/media/mca/filterpacks/libfilterpack_imageproc	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/native/android/libandroid	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/native/graphics/jni/libjnigraphics	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/obex/javax.obex	wifi_repeater_fb1.0-29-g77dd0f5	BSDlike
frameworks/base/packages/defaultcontainerservice/defaultcontainerservice	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/defaultcontainerservice/jni/libdefcontainer_jni	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/sharedstoragebackup/sharedstoragebackup	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/backupstoreconfirmation/backupstoreconfirmation	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/externalstorageprovider/externalstorageprovider	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/captiveportallogin/captiveportallogin	android-m-preview-2-100512-g8508704	Apache-2.0

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frameworks/base/packages/documentsui/documentsui	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/extservices/extservices	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/packages/extshared/extshared	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/packages/fusedlocation/fusedlocation	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/packages/inputdevices/inputdevices	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/packages/printspooler/printspooler	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/packages/printspooler/jni/libprintspooler_jni	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/packages/services/pacprocessor/jni/libjni_pacprocessor	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/services/pacprocessor/pacprocessor	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/services/proxy/proxyhandler	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/settingsprovider/settingsprovider	android-m-preview-2-100517-g2dc9f6	Apache-2.0
frameworks/base/packages/shell/shell	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/statementservice/statementservice	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/systemui/systemui	wifi_repeater_fb1.0-29-g77dd0f5	Apache-2.0
frameworks/base/packages/vpndialogs/vpndialogs	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/packages/wallpaperbackup/wallpaperbackup	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/rs/jni/librs_jni	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/services/libandroid_servers	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/services/services	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/base/test-runner/android.test.runner	android-m-preview-2-100512-g8508704	Apache-2.0
frameworks/compile/libbcc/bcinfo/libbcinfo	android-cts-7.1_r19	Apache-2.0, MITlike
frameworks/compile/libbcc/libbcc	android-cts-7.1_r19	Apache-2.0, MITlike
frameworks/compile/libbcc/tools/bcc/bcc	android-cts-7.1_r19	Apache-2.0, MITlike
frameworks/compile/mclinker/tools/mclink/ld.mc	android-cts-7.1_r19	BSDlike, MITlike
frameworks/minikin/libs/minikin/libminikin	android-cts-7.1_r19-87-g544b2ce	Apache-2.0

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frameworks/native/cmds/atrace/atrace	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/cmds/bugreport/bugreport	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/cmds/bugreportz/bugreportz	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/cmds/cmd/cmd	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/cmds/dumpstate/dumpstate	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/cmds/dumpsys/dumpsys	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/cmds/installd/installd	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/cmds/ip-up-vpn/ip-up-vpn	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/cmds/service/service	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/cmds/servicemanager/servicemanager	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/libs/binder/libbinder	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/libs/gui/libgui	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/libs/input/libinput	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/libs/ui/libui	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/opengl/libs/libegl	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/opengl/libs/libetc1	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/opengl/libs/libglesv1_cm	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/opengl/libs/libglesv2	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/opengl/libs/libglesv3	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/services/inputflinger/libinputflinger	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/services/powermanager/libpowermanager	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/services/sensorservice/libensorservice	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/services/sensorservice/sensorservice	android-6.0.1_r21-2574-g18cc41e	Apache-2.0

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frameworks/native/services/surfaceflinger/libsurfaceflinger	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/services/surfaceflinger/libsurfaceflinger_ddmconnection	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/services/surfaceflinger/surfaceflinger	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/native/vulkan/libvulkan/libvulkan	android-6.0.1_r21-2574-g18cc41e	Apache-2.0
frameworks/opt/net/ethernet/ethernet-service	android-cts-7.1_r26	Apache-2.0
frameworks/opt/net/voip/src/jni/rtp/librtp_jni	android-cts-7.1_r19	Apache-2.0
frameworks/opt/net/wifi/service/libwifi-service	android-6.0.1_r21-1920-gcefc71a	Apache-2.0
frameworks/opt/net/wifi/service/wifi-service	android-6.0.1_r21-1920-gcefc71a	Apache-2.0
frameworks/rs/cpp/librscpp	android-cts-7.1_r19-1-g444b48a	Apache-2.0
frameworks/rs/cpu_ref/librscpuref	android-cts-7.1_r19-1-g444b48a	Apache-2.0
frameworks/rs/librs	android-cts-7.1_r19-1-g444b48a	Apache-2.0
frameworks/rs/librs_internal	android-cts-7.1_r19-1-g444b48a	Apache-2.0
frameworks/rs/librsdriver	android-cts-7.1_r19-1-g444b48a	Apache-2.0
frameworks/webview/chromium/libwebviewchromium_loader	android-cts-7.1_r19	BSDlike
frameworks/webview/chromium/libwebviewchromium_plat_support	android-cts-7.1_r19	BSDlike
frameworks/wilhelm/src/libopenmaxal	android-cts-7.1_r19	Apache-2.0, MITlike
frameworks/wilhelm/src/libopensles	android-cts-7.1_r19	Apache-2.0, MITlike
frameworks/wilhelm/src/libwilhelm	android-cts-7.1_r19	Apache-2.0, MITlike
hardware/broadcom/libbt/libbt-vendor	undefined	Apache-2.0
hardware/libhardware/libhardware	android-6.0.1_r45-652-g66b8752	Apache-2.0
hardware/libhardware/modules/audio_remote_submix/audio.r_submix.default	android-6.0.1_r45-652-g66b8752	Apache-2.0
hardware/libhardware/modules/audio/audio.primary.default	android-6.0.1_r45-652-g66b8752	Apache-2.0
hardware/libhardware/modules/gralloc/gralloc.default	android-6.0.1_r45-652-g66b8752	Apache-2.0
hardware/libhardware/modules/local_time/local_time.default	android-6.0.1_r45-652-g66b8752	Apache-2.0
hardware/libhardware/modules/tv_input/tv_input.default	android-6.0.1_r45-652-g66b8752	Apache-2.0
hardware/libhardware/modules/usb_audio/audio.usb.default	android-6.0.1_r45-652-g66b8752	Apache-2.0

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hardware/libhardware_legacy/libhardware_legacy	android-cts-7.1_r26	Apache-2.0
hardware/libhardware_legacy/audio/audio_policy.default	android-cts-7.1_r26	Apache-2.0
hardware/libhardware_legacy/libpower	android-cts-7.1_r26	Apache-2.0
hardware/ril/libril/libril	android-cts-7.1_r19-40-g7c77f36	Apache-2.0
hardware/ril/librilutils/librilutils	android-cts-7.1_r19-40-g7c77f36	Apache-2.0
hardware/ril/reference-ril/libreference-ril	android-cts-7.1_r19-40-g7c77f36	Apache-2.0
JavaWebSocket	1.3.08	MIT
JockeyJS	1.0.0	MIT
jQuery	1.23.01	MIT
kernel/private/bcm-97xxx/linux/vmlinux	undefined	GPL-2.0-with-LT-exception
libcore/libjavacore	undefined	GPL-2.0-with-classpath-exception
libcore/libopenjdk	undefined	GPL-2.0-with-classpath-exception
libnativehelper	android-cts-7.1_r19	Apache-2.0
Neptune C++	1.0.5	BSD-3-Clause
OKHTTP	3.10.0	Apache-2.0
packages/apps/bluetooth/bluetooth	android-6.0.1_r25-906-g2b263dd	Apache-2.0
packages/apps/bluetooth/jni/libbluetooth_jni	android-6.0.1_r25-906-g2b263dd	Apache-2.0
packages/apps/calculator/calculator	android-n-iot-release-smart-display	Apache-2.0
packages/apps/camera2/camera2	android-cts-7.1_r19-2-ge7373d9	Apache-2.0
packages/apps/camera2/jni/libjni_jpegutil	android-cts-7.1_r19-2-ge7373d9	Apache-2.0
packages/apps/camera2/jni/libjni_tinyplanet	android-cts-7.1_r19-2-ge7373d9	Apache-2.0
packages/apps/certinstaller/certinstaller	android-cts-7.1_r3-12-g94cac0d	Apache-2.0
packages/apps/contacts/contacts	android-cts-7.1_r19-2-ge7ff9a8	Apache-2.0
packages/apps/deskclock/deskclock	android-cts-7.1_r19-2-g0dffcdc	Apache-2.0
packages/apps/gallery2/gallery2	android-cts-7.1_r19	Apache-2.0
packages/apps/gallery2/jni/libjni_filtershow_filters	android-cts-7.1_r19	Apache-2.0
packages/apps/gallery2/jni/libjni_eglfence	android-cts-7.1_r19	Apache-2.0



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packages/apps/gallery2/jni_pegstream/ libjni_pegstream	android-cts-7.1_r19	Apache-2.0
packages/apps/htmlviewer/htmlviewer	android-cts-7.1_r19	Apache-2.0
packages/apps/keychain/keychain	android-cts-7.1_r19	Apache-2.0
packages/apps/music/music	android-cts-7.1_r19-2-g83ccd60	Apache-2.0
packages/apps/packageinstaller/ packageinstaller	android-n-preview-1-948- ge3e2e10	Apache-2.0
packages/apps/quicksearchbox/ quicksearchbox	android-cts-7.1_r19-1-g4e6aa74	Apache-2.0
packages/apps/tvsettings/settings/ tvsettings	android-cts-7.1_r27-4-g96d8212	Apache-2.0
packages/inputmethods/latinime/java/ latinime	android-cts-7.1_r19-10-g07225a0	Apache-2.0
packages/inputmethods/latinime/native/ jni/libjni_latinime	android-cts-7.1_r19-10-g07225a0	Apache-2.0
packages/providers/calendarprovider/ calendarprovider	android-cts-7.1_r19	Apache-2.0
packages/providers/contactsprovider/ contactsprovider	android-n-preview-1-296- g4b06531	Apache-2.0
packages/providers/downloadprovider/ downloadprovider	android-n-preview-1-317- ge0a0436	Apache-2.0
packages/providers/downloadprovider/ui/ downloadproviderui	android-n-preview-1-317- ge0a0436	Apache-2.0
packages/providers/mediaprovider/ mediaprovider	android-cts-7.1_r19-21-g92fe7dc	Apache-2.0
packages/providers/tvprovider/tvprovider	android-cts-7.1_r19	Apache-2.0
packages/providers/userdictionaryprovider/ userdictionaryprovider	android-cts-7.1_r19-9-gdc5c063	Apache-2.0
packages/screensavers/basic/basicdreams	undefined	Apache-2.0
picasso	2.71828	Apache-2.0
StropheJS	1.2.15	MIT
system/bin/wfa/ping	unknown	BSD-3-Clause
system/bin/wfa/rtwpriv	unknown	GPL-v2
system/bin/wfa/wfa_ca	unknown	ISC
system/bin/wfa/wfa_dut	unknown	ISC
system/bin/wfa/wpa_cli	unknown	BSD-3-Clause
system/core/adb/adbd	android-6.0.1_r21-7829- g78956e1	Apache-2.0
system/core/base/libbase	android-6.0.1_r21-7826- gb054495	Apache-2.0

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system/core/bootstat/bootstat	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/debuggerd/debuggerd	android-6.0.1_r21-7829-g78956e1	Apache-2.0
system/core/gatekeeperd/gatekeeperd	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/healthd/healthd	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/init/init	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libbacktrace/libbacktrace	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libbinderwrapper/libbinderwrapper	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libcutils/libcutils	android-6.0.1_r21-7829-g78956e1	Apache-2.0
system/core/libdiskconfig/libdiskconfig	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/liblog/liblog	android-6.0.1_r21-7829-g78956e1	Apache-2.0
system/core/libmemtrack/libmemtrack	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libmemunreachable/libmemunreachable	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libnativebridge/libnativebridge	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libnativeloader/libnativeloader	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libnetutils/libnetutils	android-6.0.1_r21-7829-g78956e1	Apache-2.0
system/core/libpackagelistparser/libpackagelistparser	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libpixelflinger/libpixelflinger	android-6.0.1_r21-7829-g78956e1	Apache-2.0
system/core/libprocessgroup/libprocessgroup	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libsparse/libsparse	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libsuspend/libsuspend	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libsync/libsync	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libsysutils/libsysutils	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/libusbhost/libusbhost	android-6.0.1_r21-7826-gb054495	Apache-2.0

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system/core/libutils/libutils	android-6.0.1_r21-7829-g78956e1	Apache-2.0
system/core/lmkd/lmkd	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/logcat/logcat	android-6.0.1_r21-7829-g78956e1	Apache-2.0
system/core/logd/logd	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/logwrapper/liblogwrap	android-6.0.1_r21-7829-g78956e1	Apache-2.0
system/core/logwrapper/logwrapper	android-6.0.1_r21-7829-g78956e1	Apache-2.0
system/core/reboot/reboot	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/run-as/run-as	android-6.0.1_r21-7829-g78956e1	Apache-2.0
system/core/sdcard/sdcard	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/core/toolbox/grep	android-6.0.1_r21-7829-g78956e1	BSDlike
system/core/toolbox/toolbox	android-6.0.1_r21-7829-g78956e1	BSDlike
system/core/tzdatacheck/tzdatacheck	android-6.0.1_r21-7826-gb054495	Apache-2.0
system/extras/ext4_utils/libext4_utils	wifi_repeater_fb1.0	Apache-2.0
system/extras/ext4_utils/make_ext4fs	wifi_repeater_fb1.0	Apache-2.0
system/extras/slideshow/slideshow	wifi_repeater_fb1.0	Apache-2.0
system/extras/tests/schedtest/schedtest	android-cts_7.1_r1-7-g96ffe81	Apache-2.0
system/fonts/NotoSansCJK-Regular.ttc	unknown	SIL OFL 1.1
system/gatekeeper/libgatekeeper	android-cts-7.1_r19	Apache-2.0
system/keymaster/libkeymaster_messages	android-cts-7.1_r19	Apache-2.0
system/keymaster/libkeymaster1	android-cts-7.1_r19	Apache-2.0
system/keymaster/libsoftkeymasterdevice	android-cts-7.1_r19	Apache-2.0
system/lib/hw/audio.vr_bee_hidraw.default.so	unknown	Apache-2.0
system/lib/libdrmdecrypt.so	unknown	Apache-2.0
system/lib/rtkbt/3dd_service.so	unknown	Apache-2.0
system/lib/rtkbt/autopair.so	unknown	Apache-2.0
system/lib/rtkbt/autopair_huawei.so	unknown	Apache-2.0

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<b>Module Name</b>	<b>Module Version</b>	<b>Module License</b>
system/lib/rtkbt/autopair_stack.so	unknown	Apache-2.0
system/lib/rtkbt/fwlog.so	unknown	Apache-2.0
system/lib/rtkbt/heartbeat.so	unknown	Apache-2.0
system/lib/rtkbt/vhid.so	unknown	Apache-2.0
system/lib/rtkbt/vr_bee1_hidraw.so	unknown	Apache-2.0
system/lib/rtkbt/vr_bee2_hidraw.so	unknown	Apache-2.0
system/media/alsa_utils/libalsautils	android-cts-7.1_r19-19-gc56640e	Apache-2.0
system/media/audio_utils/libaudioutils	android-cts-7.1_r19-19-gc56640e	Apache-2.0
system/media/audio_utils/spdif/libaudiospdif	android-cts-7.1_r19-19-gc56640e	Apache-2.0
system/media/camera/src/libcamera_metadata	android-cts-7.1_r19-19-gc56640e	Apache-2.0
system/media/radio/src/libradio_metadata	android-cts-7.1_r19-19-gc56640e	Apache-2.0
system/netd/client/libnetd_client	android-cts-7.1_r26	Apache-2.0
system/netd/server/libnetdaidl	android-cts-7.1_r26	Apache-2.0
system/netd/server/ndc	android-cts-7.1_r26	Apache-2.0
system/netd/server/netd	android-cts-7.1_r26	Apache-2.0
system/priv-app/RemoteVoiceInput/lib/arm/ libAesJni.so	1.0	Apache-2.0
system/security/keystore/keystore	android-cts-7.1_r19-5-g746334a	Apache-2.0
system/security/keystore/libkeystore_binder	android-cts-7.1_r19-5-g746334a	Apache-2.0
system/security/keystore-engine/ libkeystore-engine	android-cts-7.1_r19-5-g746334a	Apache-2.0
system/security/softkeymaster/keystore.default	android-cts-7.1_r19-5-g746334a	Apache-2.0
system/security/softkeymaster/libsoftkeymaster	android-cts-7.1_r19-5-g746334a	Apache-2.0
system/tts/lang_pico/de-DE_gl0_sg.bin	unknown	Apache-2.0
system/tts/lang_pico/de-DE_ta.bin	unknown	Apache-2.0
system/tts/lang_pico/en-GB_kh0_sg.bin	unknown	Apache-2.0
system/tts/lang_pico/en-GB_ta.bin	unknown	Apache-2.0
system/tts/lang_pico/en-US_lh0_sg.bin	unknown	Apache-2.0
system/tts/lang_pico/en-US_ta.bin	unknown	Apache-2.0
system/tts/lang_pico/es-ES_ta.bin	unknown	Apache-2.0

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Module Name	Module Version	Module License
system/tts/lang_pico/es-ES_zl0_sg.bin	unknown	Apache-2.0
system/tts/lang_pico/fr-FR_nk0_sg.bin	unknown	Apache-2.0
system/tts/lang_pico/fr-FR_ta.bin	unknown	Apache-2.0
system/tts/lang_pico/it-IT_cm0_sg.bin	unknown	Apache-2.0
system/tts/lang_pico/it-IT_ta.bin	unknown	Apache-2.0
system/update_engine/update_engine_sideload	android-cts-7.1_r19-17-gb8cda77	Apache-2.0
system/update_engine/update_engine	android-cts-7.1_r19-17-gb8cda77	Apache-2.0
system/update_engine/update_engine_client	android-cts-7.1_r19-17-gb8cda77	Apache-2.0
system/usr/hyphen-data/hyph-as.hyb	unknown	MIT
system/usr/hyphen-data/hyph-bn.hyb	unknown	MIT
system/usr/hyphen-data/hyph-cy.hyb	unknown	MIT
system/usr/hyphen-data/hyph-da.hyb	unknown	MIT
system/usr/hyphen-data/hyph-de-1901.hyb	unknown	MIT
system/usr/hyphen-data/hyph-de-1996.hyb	unknown	MIT
system/usr/hyphen-data/hyph-de-ch-1901.hyb	unknown	MIT
system/usr/hyphen-data/hyph-en-gb.hyb	unknown	Unicode
system/usr/hyphen-data/hyph-en-us.hyb	unknown	hyph-en-us.lic - Kuiken
system/usr/hyphen-data/hyph-es.hyb	unknown	MIT
system/usr/hyphen-data/hyph-et.hyb	unknown	MIT
system/usr/hyphen-data/hyph-eu.hyb	unknown	Unicode
system/usr/hyphen-data/hyph-fr.hyb	unknown	MIT
system/usr/hyphen-data/hyph-ga.hyb	unknown	MIT
system/usr/hyphen-data/hyph-gu.hyb	unknown	MIT
system/usr/hyphen-data/hyph-hi.hyb	unknown	MIT
system/usr/hyphen-data/hyph-hr.hyb	unknown	Unicode
system/usr/hyphen-data/hyph-hu.hyb	unknown	MPL-v1.1
system/usr/hyphen-data/hyph-hy.hyb	unknown	LGPL-v2.1
system/usr/hyphen-data/hyph-kn.hyb	unknown	MIT
system/usr/hyphen-data/hyph-ml.hyb	unknown	MIT

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Module Name	Module Version	Module License
system/usr/hyphen-data/hyph-mn-cyrl.hyb	unknown	MIT
system/usr/hyphen-data/hyph-mr.hyb	unknown	MIT
system/usr/hyphen-data/hyph-nb.hyb	unknown	MITlike
system/usr/hyphen-data/hyph-nn.hyb	unknown	MITlike
system/usr/hyphen-data/hyph-or.hyb	unknown	MIT
system/usr/hyphen-data/hyph-pa.hyb	unknown	MIT
system/usr/hyphen-data/hyph-pt.hyb	unknown	BSD
system/usr/hyphen-data/hyph-sl.hyb	unknown	MIT
system/usr/hyphen-data/hyph-ta.hyb	unknown	MIT
system/usr/hyphen-data/hyph-te.hyb	unknown	MIT
system/usr/hyphen-data/hyph-tk.hyb	unknown	MIT
system/usr/hyphen-data/hyph-und-ethi.hyb	unknown	MITlike
system/usr/icu/icudt56l.dat	unknown	BSD, MITlike
system/vendor/drivers/8192eu.ko	unknown	GPL-v2
system/vendor/drivers/droid_pm.ko	unknown	GPL-v2
system/vendor/drivers/gator.ko	unknown	GPL-v2
system/vendor/drivers/rtk_btusb.ko	4.1.4	GPL-v2
system/vold/secdiscard	android-cts-7.1_r19-11-g715ad68	BSDlike, Apache-2.0
system/vold/vdc	android-cts-7.1_r19-11-g715ad68	BSDlike, Apache-2.0
system/vold/vold	android-cts-7.1_r19-11-g715ad68	BSDlike, Apache-2.0
vendor/broadcom/bcm_platform/apks/bcmspdifsetting/bcmspdifsetting	db23f29	Apache-2.0
vendor/broadcom/bcm_platform/apks/bcmtvsettingslauncher/bcmtvsettingslauncher	db23f29	Apache-2.0
vendor/broadcom/bcm_platform/hals/boot_control/bootctrl.uiw4020eti	ddf5f17	Apache-2.0
vendor/broadcom/bcm_platform/hals/hdmi_cec/hdmi_cec.uiw4020eti	10f6015	Apache-2.0
vendor/broadcom/bcm_platform/hals/hwcomposer/hwcbinder	26c0f41	Apache-2.0
vendor/broadcom/bcm_platform/hals/hwcomposer/hwcomposer.uiw4020eti	26c0f41	Apache-2.0
vendor/broadcom/bcm_platform/hals/hwcomposer/libhwcbinder	26c0f41	Apache-2.0

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Module Name	Module Version	Module License
vendor/broadcom/bcm_platform/hals/hwcomposer/libhwcutils	26c0f41	Apache-2.0
vendor/broadcom/bcm_platform/hals/audio/audio.atvr.default	88b96e1	Apache-2.0
vendor/broadcom/bcm_platform/hals/audio/audio.primary.uiw4020eti	88b96e1	Apache-2.0
vendor/broadcom/bcm_platform/hals/audio/libaudiopolicymanager	88b96e1	Apache-2.0
vendor/broadcom/bcm_platform/hals/gralloc/gralloc.uiw4020eti	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/hals/power/power.uiw4020eti	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/hals/thermal/thermal.uiw4020eti	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/hals/tv_input/tv_input.uiw4020eti	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/media/libsecurity/common_drm/libcmndrm	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/media/libsecurity/common_drm/libcmndrmprdy	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/media/libsecurity/oemcrypto/liboemcrypto	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/misc/hfrvideo/hfrvideo	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/misc/netcoal/netcoal	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/nxif/libnexusipc/libnexuseglclient	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/nxif/libnexusipc/libnexusipcclient	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/nxif/libnexusipc/libnexusipceventlistener	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/nxif/libnexuservice/libnexuservice	698686e	Apache-2.0
vendor/broadcom/bcm_platform/nxif/libnexusir/libnexusir	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/nxif/nxlogger/nxlogger	e685f80	Apache-2.0
vendor/broadcom/bcm_platform/nxif/nxserver/nxserver	52dc2dc	Apache-2.0
vendor/broadcom/bcm_platform/tools/otpgetchipid/otpgetchipid	db23f29	Apache-2.0
vendor/broadcom/bcm_platform/tools/otpgetchipid/qr_otp	db23f29	Apache-2.0
vendor/broadcom/bcm_platform/tools/cec/send_cec	e685f80	Apache-2.0

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vendor/broadcom/playready/ libplayreadydrmplugin	2be293c	Apache-2.0
vendor/realtek/bluetooth/rtkbt/code/ libbt- vendor/uart/libbt-vendor_uart	undefined	Apache-2.0
vendor/realtek/bluetooth/rtkbt/code/ libbt- vendor/usb/libbt-vendor_usb	undefined	Apache-2.0
vendor/realtek/bluetooth/rtkbt/code/bt/audio_a2 dp_hw/audio.a2dp.default	2703800	Apache-2.0
vendor/realtek/bluetooth/rtkbt/code/bt/main/ bluetooth.default	2703800	Apache-2.0
vendor/technicolor/services/ stb_temperature_monitor/jni/ hddmonitor_service	d6c82c0	Apache-2.0
vendor/technicolor/services/ stb_temperature_monitor/jni/ libjni_stbtemperaturemonitor	d6c82c0	Apache-2.0
vendor/technicolor/tr069/compat/ libcwmpttransformerbackend	unknown	MITlike
vendor/technicolor/tr069/compat/libuci	unknown	BSD, LGPL-v2.1
vendor/technicolor/tr069/compat/uci	unknown	GPL-v2
vendor/technicolor/tr069/datamodel/jni/ libsocketjni	75573da	Apache-2.0, Apache-1.1
vendor/technicolor/tr069/datamodel/jni/ libupnpigdjni	75573da	Apache-2.0, Apache-1.1