
오픈소스 라이선스 정보

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Marvell Bluetooth driver version C4X14113
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Synaptics SoC drivers version 1.6
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Vivante VIP Broker driver version 1.3.2.1 20210203
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Open Source Package List

SW Package Name	Filename	Version	License
Android Open Source Project (AOSP)	Various	10	Apache-2
Linux Kernel	vmlinux	4.14	GPL v2
8997m1an Kernel Module	/vendor/lib/modules/8997m1an.ko	C628	GPL v2
sd8997 Kernel Module	/vendor/lib/modules/sd8997.ko	C628	GPLv2
bt8997 Kernel Module	/vendor/lib/modules/bt8997.ko	C4X14113	GPL v2
shm Kernel Module	/vendor/lib/modules/shm.ko	1.6	GPL v2
aout Kernel Module	/vendor/lib/modules/aout.ko	1.6	GPL v2
vipbroker Kernel Module	/vendor/lib/modules/vipbroker.ko	1.3.2.1 20210203	MIT / GPL v2
berlin_cc Kernel Module	/vendor/lib/modules/berlin_cc.ko	1.6	GPL v2
pvrsvkm Kernel Module	/vendor/lib/modules/pvrsvkm.ko	1.1	MIT / GPL v2
vpu Kernel Module	/vendor/lib/modules/vpu.ko	1.6	GPL v2
hrx Kernel Module	/vendor/lib/modules/hrx.ko	1.6	GPL v2
tsp Kernel Module	/vendor/lib/modules/tsp.ko	1.6	GPL v2
ExoPlayer	/product/app/ExoPlayer/ExoPlayer.apk	2.11.8	Apache-2
AudioRouter	/product/app/SynaAudioRouter2/SynaAudioRouter2.apk	1.0	Apache-2
ExoVideoViewer	/product/app/ExoVideoViewer/ExoVideoViewer.apk	2.9.6	Apache-2
MultiVideoViewer	/product/app/MultiVideoViewer/MultiVideoViewer.apk	1.0	Apache-2
AVSLoader	/product/app/AVSLoader/AVSLoader.apk	1.0	Apache-2
Camera Demo	/product/app/CameraDemo/CameraDemo.apk	1.0	Apache-2
AudioTest	/product/app/AudioTest/AudioTest.apk	1.0	Apache-2
SynaTvSettings2	/product/app/SynaTvSettings2/SynaTvSettings2.apk	1.0	Apache-2
Remote Pair Guide	/product/app/RemotePairGuide/RemotePairGuide.apk	1.0	Apache-2
SynaTvInputServices	/product/app/SynaTvInputServices/SynaTvInputServices.apk	1.0	Apache-2
PlayReady	/vendor/bin/hw/android.hardware.drm@1.1-service.playready	1.1	Apache-2
Wowlan	/vendor/bin/hw/com.synaptics.wowlan@1.0-service /vendor/lib/com.synaptics.wowlan@1.0.so	1.0	Apache-2

Camera Provider	/vendor/bin/hw/android.hardware.camera.provider@2.4-service /vendor/lib/android.hardware.camera.provider@2.4-legacy.so /vendor/lib/hw/android.hardware.camera.provider@2.4-impl.so /vendor/lib/hw/camera.vs680.so /vendor/lib/camera.device@1.0-impl.so /vendor/lib/camera.device@3.2-impl.so /vendor/lib/camera.device@3.3-impl.so /vendor/lib/camera.device@3.4-external-impl.so /vendor/lib/camera.device@3.4-impl.so /vendor/lib/camera.device@3.5-external-impl.so /vendor/lib/camera.device@3.5-impl.so	2.4	Apache-2
Power	/vendor/bin/hw/android.hardware.power@1.2-service.berlin	1.2	Apache-2
Boot	/vendor/bin/hw/android.hardware.boot@1.0-service /vendor/lib/hw/bootctrl.vs680.so /vendor/lib/hw/android.hardware.boot@1.0-impl.so	1.0	Apache-2
Keymaster	/vendor/bin/hw/android.hardware.keymaster@4.0-service.syna /vendor/lib/keymaster4hal.so	4.0	Apache-2
Gatekeeper	/vendor/bin/hw/android.hardware.gatekeeper@1.0-service /vendor/lib/hw/android.hardware.gatekeeper@1.0-impl.so /vendor/lib/hw/gatekeeper.vs680.so	1.0	Apache-2
Health	/vendor/bin/hw/android.hardware.health@2.0-service.berlin	2.0	Apache-2
Berlin Power	/vendor/bin/hw/com.synaptics.berlinpower@1.1-service /vendor/lib/com.synaptics.berlinpower@1.0.so /vendor/lib/com.synaptics.berlinpower@1.1.so	1.1	Apache-2
Wifi	/vendor/bin/hw/android.hardware.wifi@1.0-service.mrvl	1.0	Apache-2
dumpstate	/vendor/bin/hw/android.hardware.dumpstate@1.0-service.berlin	1.0	Apache-2
Thermal	/vendor/bin/hw/android.hardware.thermal@1.1-service.berlin	1.1	Apache-2
AudioSettings	/vendor/bin/hw/com.synaptics.audiosettings@2.0-service /vendor/lib/com.synaptics.audiosettings@2.0.so	2.0	Apache-2
CEC	/vendor/bin/hw/android.hardware.tv.cec@1.0-service /vendor/lib/hw/android.hardware.tv.cec@1.0-impl.so /vendor/lib/hw/hdmi_cec.vs680.so	1.0	Apache-2
Media Codec2	/vendor/bin/hw/android.hardware.media.c2@1.0-service.berlin	1.0	Apache-2
Widevine	/vendor/bin/hw/android.hardware.drm@1.2-service.widevine	1.2	Apache-2
Power	/vendor/bin/hw/android.hardware.power@1.2-service.berlin /vendor/lib/hw/android.hardware.power@1.2-impl-berlin.so	1.2	Apache-2

TV Input	/vendor/bin/hw/android.hardware.tv.input@1.0-service /vendor/lib/hw/android.hardware.tv.input@1.0-impl.so /vendor/lib/hw/tv_input.default.so /vendor/lib/hw/tv_input.vs680.so	1.0	Apache-2
AISRV	/vendor/bin/hw/com.synaptics.aisvr@1.0-service /vendor/lib/com.synaptics.aisvr@1.0.so	1.0	Apache-2
Bluetooth	/vendor/bin/hw/android.hardware.bluetooth@1.0-service /vendor/lib/hw/android.hardware.bluetooth@1.0-impl-mrvl.so	1.0	Apache-2
Display	/vendor/bin/hw/com.synaptics.display@2.1-service /vendor/lib/com.synaptics.display@2.0.so /vendor/lib/com.synaptics.display@2.1.so	2.1	Apache-2
OMX	/vendor/bin/hw/android.hardware.media.omx@1.0-service	1.0	Apache-2
Audio	/vendor/lib/hw/android.hardware.audio@5.0-impl.so /vendor/lib/hw/audio.primary.vs680.so /vendor/lib/hw/audio.primary.default.so /vendor/lib/android.hardware.audio.common-util.so /vendor/lib/android.hardware.audio.common@5.0-util.so /vendor/lib/hw/audio.r_submix.default.so /vendor/lib/hw/audio.usb.default.so /vendor/lib/hw/audio.stub.default.so /vendor/lib/hw/android.hardware.audio.effect@5.0-impl.so	1.0	Apache-2
Audio Bluetooth	/vendor/lib/com.synaptics.audiobt@1.0.so /vendor/lib/hw/com.synaptics.audiobt@1.0-impl.so	1.0	Apache-2

AVS Device SDK	/product/lib/libACL.so /product/lib/libADSL.so /product/lib/libAFML.so /product/lib/libAIP.so /product/lib/libAlerts.so /product/lib/libAndroidSLESMediaPlayer.so /product/lib/libAndroidUtilities.so /product/lib/libAudioPlayer.so /product/lib/libAudioResources.so /product/lib/libAVSCommon.so /product/lib/libAVSSystem.so /product/lib/libBluetooth.so /product/lib/libCapabilitiesDelegate.so /product/lib/libCBLAuthDelegate.so /product/lib/libCertifiedSender.so /product/lib/libContextManager.so /product/lib/libDefaultClient.so /product/lib/libDeviceSettings.so /product/lib/libDoNotDisturbCA.so /product/lib/libEqualizerImplementations.so /product/lib/libEqualizer.so /product/lib/libESP.so /product/lib/libExternalMediaPlayer.so /product/lib/libInteractionModel.so /product/lib/libKeywordDetectorProvider.so /product/lib/libKWD.so /product/lib/libNotifications.so /product/lib/libPlaybackController.so /product/lib/libPlaylistParser.so /product/lib/libRegistrationManager.so /product/lib/libSampleApp.so /product/lib/libSettings.so /product/lib/libSpeakerManager.so /product/lib/libSpeechEncoder.so /product/lib/libSpeechSynthesizer.so /product/lib/libSQLiteStorage.so /product/lib/libSYNA.so /product/lib/libTemplateRuntime.so	1.12.1	Apache-2
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