



# CVE-2022-33231

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## Summary

<b>CVE</b>	CVE-2022-33231
<b>State</b>	PUBLIC
<b>Assigner</b>	product-security@qualcomm.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-04-13 07:15:00 UTC
<b>Updated</b>	2023-04-24 16:21:00 UTC
<b>Description</b>	Memory corruption due to double free in core while initializing the encryption key.

## Risk And Classification

**Problem Types:** CWE-415

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Qualcomm</a>	<a href="#">315 5g lot Modem</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">315 5g lot Modem Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">8098</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">8098 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">8909</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">8909 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">8998</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">8998 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Apq8009</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Apq8009 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Aqt1000</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Aqt1000 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Ar8031</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Ar8031 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Ar8035</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Ar8035 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">C-v2x 9150</a>	-	All	All	All

Operating System	Qualcomm	C-v2x 9150 Firmware	-	All	All	All
Hardware	Qualcomm	Csra6620	-	All	All	All
Operating System	Qualcomm	Csra6620 Firmware	-	All	All	All
Hardware	Qualcomm	Csra6640	-	All	All	All
Operating System	Qualcomm	Csra6640 Firmware	-	All	All	All
Hardware	Qualcomm	Csrb31024	-	All	All	All
Operating System	Qualcomm	Csrb31024 Firmware	-	All	All	All
Hardware	Qualcomm	Fsm10056	-	All	All	All
Operating System	Qualcomm	Fsm10056 Firmware	-	All	All	All
Hardware	Qualcomm	Home Hub 100 Platform	-	All	All	All
Operating System	Qualcomm	Home Hub 100 Platform Firmware	-	All	All	All
Hardware	Qualcomm	Ipq9008	-	All	All	All
Operating System	Qualcomm	Ipq9008 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq9574	-	All	All	All
Operating System	Qualcomm	Ipq9574 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9205	-	All	All	All
Operating System	Qualcomm	Mdm9205 Firmware	-	All	All	All
Hardware	Qualcomm	Msm8108	-	All	All	All
Operating System	Qualcomm	Msm8108 Firmware	-	All	All	All
Hardware	Qualcomm	Msm8209	-	All	All	All
Operating System	Qualcomm	Msm8209 Firmware	-	All	All	All
Hardware	Qualcomm	Msm8608	-	All	All	All
Operating System	Qualcomm	Msm8608 Firmware	-	All	All	All
Hardware	Qualcomm	Qam8295p	-	All	All	All
Operating System	Qualcomm	Qam8295p Firmware	-	All	All	All
Hardware	Qualcomm	Qca4004	-	All	All	All
Operating System	Qualcomm	Qca4004 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6174a	-	All	All	All
Operating System	Qualcomm	Qca6174a Firmware	-	All	All	All
Hardware	Qualcomm	Qca6310	-	All	All	All
Operating System	Qualcomm	Qca6310 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6320	-	All	All	All
Operating System	Qualcomm	Qca6320 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6335	-	All	All	All
Operating System	Qualcomm	Qca6335 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6335	-	All	All	All

Hardware	Qualcomm	Qca6390	-	All	All	All
Operating System	Qualcomm	Qca6390 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6391	-	All	All	All
Operating System	Qualcomm	Qca6391 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6420	-	All	All	All
Operating System	Qualcomm	Qca6420 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6421	-	All	All	All
Operating System	Qualcomm	Qca6421 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6426	-	All	All	All
Operating System	Qualcomm	Qca6426 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6430	-	All	All	All
Operating System	Qualcomm	Qca6430 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6431	-	All	All	All
Operating System	Qualcomm	Qca6431 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6436	-	All	All	All
Operating System	Qualcomm	Qca6436 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6564	-	All	All	All
Hardware	Qualcomm	Qca6564a	-	All	All	All
Hardware	Qualcomm	Qca6564au	-	All	All	All
Operating System	Qualcomm	Qca6564au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6564a Firmware	-	All	All	All
Operating System	Qualcomm	Qca6564 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6574	-	All	All	All
Hardware	Qualcomm	Qca6574a	-	All	All	All
Hardware	Qualcomm	Qca6574au	-	All	All	All
Operating System	Qualcomm	Qca6574au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6574a Firmware	-	All	All	All
Operating System	Qualcomm	Qca6574 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6595	-	All	All	All
Hardware	Qualcomm	Qca6595au	-	All	All	All
Operating System	Qualcomm	Qca6595au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6595 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6696	-	All	All	All
Operating System	Qualcomm	Qca6696 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6698aq	-	All	All	All
Operating System	Qualcomm	Qca6698aq Firmware	-	All	All	All

Hardware	Qualcomm	Qca8081	-	All	All	All
Operating System	Qualcomm	Qca8081 Firmware	-	All	All	All
Hardware	Qualcomm	Qca8082	-	All	All	All
Operating System	Qualcomm	Qca8082 Firmware	-	All	All	All
Hardware	Qualcomm	Qca8084	-	All	All	All
Operating System	Qualcomm	Qca8084 Firmware	-	All	All	All
Hardware	Qualcomm	Qca8085	-	All	All	All
Operating System	Qualcomm	Qca8085 Firmware	-	All	All	All
Hardware	Qualcomm	Qca8337	-	All	All	All
Operating System	Qualcomm	Qca8337 Firmware	-	All	All	All
Hardware	Qualcomm	Qca8386	-	All	All	All
Operating System	Qualcomm	Qca8386 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9377	-	All	All	All
Operating System	Qualcomm	Qca9377 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9379	-	All	All	All
Operating System	Qualcomm	Qca9379 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9984	-	All	All	All
Operating System	Qualcomm	Qca9984 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm2290	-	All	All	All
Operating System	Qualcomm	Qcm2290 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm4290	-	All	All	All
Operating System	Qualcomm	Qcm4290 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm6125	-	All	All	All
Operating System	Qualcomm	Qcm6125 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm6490	-	All	All	All
Operating System	Qualcomm	Qcm6490 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn6024	-	All	All	All
Operating System	Qualcomm	Qcn6024 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn7606	-	All	All	All
Operating System	Qualcomm	Qcn7606 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9011	-	All	All	All
Operating System	Qualcomm	Qcn9011 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9012	-	All	All	All
Operating System	Qualcomm	Qcn9012 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9024	-	All	All	All

Operating System	Qualcomm	Qcn9024 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9074	-	All	All	All
Operating System	Qualcomm	Qcn9074 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9274	-	All	All	All
Operating System	Qualcomm	Qcn9274 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs2290	-	All	All	All
Operating System	Qualcomm	Qcs2290 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs410	-	All	All	All
Operating System	Qualcomm	Qcs410 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs4290	-	All	All	All
Operating System	Qualcomm	Qcs4290 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs603	-	All	All	All
Operating System	Qualcomm	Qcs603 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs605	-	All	All	All
Operating System	Qualcomm	Qcs605 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs610	-	All	All	All
Operating System	Qualcomm	Qcs610 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs6125	-	All	All	All
Operating System	Qualcomm	Qcs6125 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs6490	-	All	All	All
Operating System	Qualcomm	Qcs6490 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs8155	-	All	All	All
Operating System	Qualcomm	Qcs8155 Firmware	-	All	All	All
Hardware	Qualcomm	Qrb5165	-	All	All	All
Hardware	Qualcomm	Qrb5165m	-	All	All	All
Operating System	Qualcomm	Qrb5165m Firmware	-	All	All	All
Hardware	Qualcomm	Qrb5165n	-	All	All	All
Operating System	Qualcomm	Qrb5165n Firmware	-	All	All	All
Operating System	Qualcomm	Qrb5165 Firmware	-	All	All	All
Hardware	Qualcomm	Qsm8250	-	All	All	All
Operating System	Qualcomm	Qsm8250 Firmware	-	All	All	All
Hardware	Qualcomm	Qsm8350	-	All	All	All
Operating System	Qualcomm	Qsm8350 Firmware	-	All	All	All
Hardware	Qualcomm	Qts110	-	All	All	All
Operating System	Qualcomm	Qts110 Firmware	-	All	All	All
Hardware	Qualcomm	Qualcomm Robotics Rb5 Platform	-	All	All	All

Hardware	Qualcomm	Qualcomm Robotics Rb5 Platform	-	All	All	All
Operating System	Qualcomm	Qualcomm Robotics Rb5 Platform Firmware	-	All	All	All
Hardware	Qualcomm	Sa4150p	-	All	All	All
Operating System	Qualcomm	Sa4150p Firmware	-	All	All	All
Hardware	Qualcomm	Sa4155p	-	All	All	All
Operating System	Qualcomm	Sa4155p Firmware	-	All	All	All
Hardware	Qualcomm	Sa6145p	-	All	All	All
Operating System	Qualcomm	Sa6145p Firmware	-	All	All	All
Hardware	Qualcomm	Sa6150p	-	All	All	All
Operating System	Qualcomm	Sa6150p Firmware	-	All	All	All
Hardware	Qualcomm	Sa6155	-	All	All	All
Hardware	Qualcomm	Sa6155p	-	All	All	All
Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Operating System	Qualcomm	Sa6155 Firmware	-	All	All	All
Hardware	Qualcomm	Sa8145p	-	All	All	All
Operating System	Qualcomm	Sa8145p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8150p	-	All	All	All
Operating System	Qualcomm	Sa8150p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8155	-	All	All	All
Hardware	Qualcomm	Sa8155p	-	All	All	All
Operating System	Qualcomm	Sa8155p Firmware	-	All	All	All
Operating System	Qualcomm	Sa8155 Firmware	-	All	All	All
Hardware	Qualcomm	Sa8195p	-	All	All	All
Operating System	Qualcomm	Sa8195p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8295p	-	All	All	All
Operating System	Qualcomm	Sa8295p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8540p	-	All	All	All
Operating System	Qualcomm	Sa8540p Firmware	-	All	All	All
Hardware	Qualcomm	Sa9000p	-	All	All	All
Operating System	Qualcomm	Sa9000p Firmware	-	All	All	All
Hardware	Qualcomm	Sc8180x Sdx55	-	All	All	All
Operating System	Qualcomm	Sc8180x Sdx55 Firmware	-	All	All	All
Hardware	Qualcomm	Sd205	-	All	All	All
Operating System	Qualcomm	Sd205 Firmware	-	All	All	All
Hardware	Qualcomm	Sd460	-	All	All	All
Operating System	Qualcomm	Sd460 Firmware	-	All	All	All

Hardware	Qualcomm	Sd660	-	All	All	All
Operating System	Qualcomm	Sd660 Firmware	-	All	All	All
Hardware	Qualcomm	Sd662	-	All	All	All
Operating System	Qualcomm	Sd662 Firmware	-	All	All	All
Hardware	Qualcomm	Sd670	-	All	All	All
Operating System	Qualcomm	Sd670 Firmware	-	All	All	All
Hardware	Qualcomm	Sd675	-	All	All	All
Operating System	Qualcomm	Sd675 Firmware	-	All	All	All
Hardware	Qualcomm	Sd730	-	All	All	All
Operating System	Qualcomm	Sd730 Firmware	-	All	All	All
Hardware	Qualcomm	Sd778g	-	All	All	All
Operating System	Qualcomm	Sd778g Firmware	-	All	All	All
Hardware	Qualcomm	Sd7c	-	All	All	All
Operating System	Qualcomm	Sd7c Firmware	-	All	All	All
Hardware	Qualcomm	Sd835	-	All	All	All
Operating System	Qualcomm	Sd835 Firmware	-	All	All	All
Hardware	Qualcomm	Sd855	-	All	All	All
Operating System	Qualcomm	Sd855 Firmware	-	All	All	All
Hardware	Qualcomm	Sd865 5g	-	All	All	All
Operating System	Qualcomm	Sd865 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sd888	-	All	All	All
Operating System	Qualcomm	Sd888 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm660	-	All	All	All
Operating System	Qualcomm	Sdm660 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm670	-	All	All	All
Operating System	Qualcomm	Sdm670 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm710	-	All	All	All
Operating System	Qualcomm	Sdm710 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm712	-	All	All	All
Operating System	Qualcomm	Sdm712 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm845	-	All	All	All
Operating System	Qualcomm	Sdm845 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm850	-	All	All	All
Operating System	Qualcomm	Sdm850 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx55	-	All	All	All

Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx57m	-	All	All	All
Operating System	Qualcomm	Sdx57m Firmware	-	All	All	All
Hardware	Qualcomm	Sd 455	-	All	All	All
Operating System	Qualcomm	Sd 455 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 675	-	All	All	All
Operating System	Qualcomm	Sd 675 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 8cx	-	All	All	All
Operating System	Qualcomm	Sd 8cx Firmware	-	All	All	All
Hardware	Qualcomm	Sd 8cx Gen2	-	All	All	All
Operating System	Qualcomm	Sd 8cx Gen2 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 8cx Gen3	-	All	All	All
Operating System	Qualcomm	Sd 8cx Gen3 Firmware	-	All	All	All
Hardware	Qualcomm	Sm4125	-	All	All	All
Operating System	Qualcomm	Sm4125 Firmware	-	All	All	All
Hardware	Qualcomm	Sm4250-aa	-	All	All	All
Operating System	Qualcomm	Sm4250-aa Firmware	-	All	All	All
Hardware	Qualcomm	Sm4350	-	All	All	All
Hardware	Qualcomm	Sm4350-ac	-	All	All	All
Operating System	Qualcomm	Sm4350-ac Firmware	-	All	All	All
Operating System	Qualcomm	Sm4350 Firmware	-	All	All	All
Hardware	Qualcomm	Sm4375	-	All	All	All
Operating System	Qualcomm	Sm4375 Firmware	-	All	All	All
Hardware	Qualcomm	Sm6125	-	All	All	All
Operating System	Qualcomm	Sm6125 Firmware	-	All	All	All
Hardware	Qualcomm	Sm6150-ac	-	All	All	All
Operating System	Qualcomm	Sm6150-ac Firmware	-	All	All	All
Hardware	Qualcomm	Sm6225	-	All	All	All
Hardware	Qualcomm	Sm6225-ad	-	All	All	All
Operating System	Qualcomm	Sm6225-ad Firmware	-	All	All	All
Operating System	Qualcomm	Sm6225 Firmware	-	All	All	All
Hardware	Qualcomm	Sm6250	-	All	All	All
Hardware	Qualcomm	Sm6250p	-	All	All	All
Operating System	Qualcomm	Sm6250p Firmware	-	All	All	All
Operating System	Qualcomm	Sm6250 Firmware	-	All	All	All
Hardware	Qualcomm	Sm6350	-	All	All	All

Hardware	Qualcomm	Sm6350	-	All	All	All
Operating System	Qualcomm	Sm6350 Firmware	-	All	All	All
Hardware	Qualcomm	Sm6375	-	All	All	All
Operating System	Qualcomm	Sm6375 Firmware	-	All	All	All
Hardware	Qualcomm	Sm7125	-	All	All	All
Operating System	Qualcomm	Sm7125 Firmware	-	All	All	All
Hardware	Qualcomm	Sm7150-aa	-	All	All	All
Operating System	Qualcomm	Sm7150-aa Firmware	-	All	All	All
Hardware	Qualcomm	Sm7150-ab	-	All	All	All
Operating System	Qualcomm	Sm7150-ab Firmware	-	All	All	All
Hardware	Qualcomm	Sm7150-ac	-	All	All	All
Operating System	Qualcomm	Sm7150-ac Firmware	-	All	All	All
Hardware	Qualcomm	Sm7225	-	All	All	All
Operating System	Qualcomm	Sm7225 Firmware	-	All	All	All
Hardware	Qualcomm	Sm7250-aa	-	All	All	All
Operating System	Qualcomm	Sm7250-aa Firmware	-	All	All	All
Hardware	Qualcomm	Sm7250-ab	-	All	All	All
Operating System	Qualcomm	Sm7250-ab Firmware	-	All	All	All
Hardware	Qualcomm	Sm7250-ac	-	All	All	All
Operating System	Qualcomm	Sm7250-ac Firmware	-	All	All	All
Hardware	Qualcomm	Sm7250p	-	All	All	All
Operating System	Qualcomm	Sm7250p Firmware	-	All	All	All
Hardware	Qualcomm	Sm7315	-	All	All	All
Operating System	Qualcomm	Sm7315 Firmware	-	All	All	All
Hardware	Qualcomm	Sm7325	-	All	All	All
Hardware	Qualcomm	Sm7325-ae	-	All	All	All
Operating System	Qualcomm	Sm7325-ae Firmware	-	All	All	All
Hardware	Qualcomm	Sm7325-af	-	All	All	All
Operating System	Qualcomm	Sm7325-af Firmware	-	All	All	All
Hardware	Qualcomm	Sm7325p	-	All	All	All
Operating System	Qualcomm	Sm7325p Firmware	-	All	All	All
Operating System	Qualcomm	Sm7325 Firmware	-	All	All	All
Hardware	Qualcomm	Sm7350-ab	-	All	All	All
Operating System	Qualcomm	Sm7350-ab Firmware	-	All	All	All
Hardware	Qualcomm	Sm8150	-	All	All	All
Hardware	Qualcomm	Sm8150-ac	-	All	All	All

Operating System	Qualcomm	Sm8150-ac Firmware	-	All	All	All
Operating System	Qualcomm	Sm8150 Firmware	-	All	All	All
Hardware	Qualcomm	Sm8250	-	All	All	All
Hardware	Qualcomm	Sm8250-ab	-	All	All	All
Operating System	Qualcomm	Sm8250-ab Firmware	-	All	All	All
Hardware	Qualcomm	Sm8250-ac	-	All	All	All
Operating System	Qualcomm	Sm8250-ac Firmware	-	All	All	All
Operating System	Qualcomm	Sm8250 Firmware	-	All	All	All
Hardware	Qualcomm	Sm8350	-	All	All	All
Hardware	Qualcomm	Sm8350-ac	-	All	All	All
Operating System	Qualcomm	Sm8350-ac Firmware	-	All	All	All
Operating System	Qualcomm	Sm8350 Firmware	-	All	All	All
Hardware	Qualcomm	Sm8450	-	All	All	All
Operating System	Qualcomm	Sm8450 Firmware	-	All	All	All
Hardware	Qualcomm	Sm8475	-	All	All	All
Operating System	Qualcomm	Sm8475 Firmware	-	All	All	All
Hardware	Qualcomm	Smart Audio 200 Platform	-	All	All	All
Operating System	Qualcomm	Smart Audio 200 Platform Firmware	-	All	All	All
Hardware	Qualcomm	Smart Audio 400 Platform	-	All	All	All
Operating System	Qualcomm	Smart Audio 400 Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 208 Processor	-	All	All	All
Operating System	Qualcomm	Snapdragon 208 Processor Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 630 Mobile Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon 630 Mobile Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 636 Mobile Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon 636 Mobile Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 662 Mobile Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon 662 Mobile Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 675 Mobile Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon 675 Mobile Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon Ar2 Gen 1 Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon Ar2 Gen 1 Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon Auto 4g Modem	-	All	All	All
Operating System	Qualcomm	Snapdragon Auto 4g Modem Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon Auto 5g Modem-rf	-	All	All	All

Operating System	Qualcomm	Snapdragon Auto 5g Modem-rf Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon W5 Gen 1 Wearable Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon W5 Gen 1 Wearable Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon Wear 1300	-	All	All	All
Operating System	Qualcomm	Snapdragon Wear 1300 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon X24 Lte Modem	-	All	All	All
Operating System	Qualcomm	Snapdragon X24 Lte Modem Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon X50 5g Modem-rf System	-	All	All	All
Operating System	Qualcomm	Snapdragon X50 5g Modem-rf System Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon X55 5g Modem-rf System	-	All	All	All
Operating System	Qualcomm	Snapdragon X55 5g Modem-rf System Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon X65 5g Modem-rf System	-	All	All	All
Operating System	Qualcomm	Snapdragon X65 5g Modem-rf System Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon X70 Modem-rf System	-	All	All	All
Operating System	Qualcomm	Snapdragon X70 Modem-rf System Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon Xr1 Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon Xr1 Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon Xr2 Gen 1 Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon Xr2 Gen 1 Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon Xr2 5g Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon Xr2 5g Platform Firmware	-	All	All	All
Hardware	Qualcomm	Ssg2115p	-	All	All	All
Operating System	Qualcomm	Ssg2115p Firmware	-	All	All	All
Hardware	Qualcomm	Ssg2125p	-	All	All	All
Operating System	Qualcomm	Ssg2125p Firmware	-	All	All	All
Hardware	Qualcomm	Sw5100	-	All	All	All
Hardware	Qualcomm	Sw5100p	-	All	All	All
Operating System	Qualcomm	Sw5100p Firmware	-	All	All	All
Operating System	Qualcomm	Sw5100 Firmware	-	All	All	All
Hardware	Qualcomm	Sxr1120	-	All	All	All
Operating System	Qualcomm	Sxr1120 Firmware	-	All	All	All
Hardware	Qualcomm	Sxr1230p	-	All	All	All
Operating System	Qualcomm	Sxr1230p Firmware	-	All	All	All
Hardware	Qualcomm	Sxr2130	-	All	All	All
Operating System	Qualcomm	Sxr2130 Firmware	-	All	All	All
Hardware	Qualcomm	Sxr2230p	-	All	All	All

Operating System	Qualcomm	Sxr2230p Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9306	-	All	All	All
Operating System	Qualcomm	Wcd9306 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9326	-	All	All	All
Operating System	Qualcomm	Wcd9326 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9335	-	All	All	All
Operating System	Qualcomm	Wcd9335 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9340	-	All	All	All
Operating System	Qualcomm	Wcd9340 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9341	-	All	All	All
Operating System	Qualcomm	Wcd9341 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9360	-	All	All	All
Operating System	Qualcomm	Wcd9360 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9370	-	All	All	All
Operating System	Qualcomm	Wcd9370 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9371	-	All	All	All
Operating System	Qualcomm	Wcd9371 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9375	-	All	All	All
Operating System	Qualcomm	Wcd9375 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9380	-	All	All	All
Operating System	Qualcomm	Wcd9380 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9385	-	All	All	All
Operating System	Qualcomm	Wcd9385 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3610	-	All	All	All
Operating System	Qualcomm	Wcn3610 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3615	-	All	All	All
Operating System	Qualcomm	Wcn3615 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3660b	-	All	All	All
Operating System	Qualcomm	Wcn3660b Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3680b	-	All	All	All
Operating System	Qualcomm	Wcn3680b Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3910	-	All	All	All
Operating System	Qualcomm	Wcn3910 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3950	-	All	All	All
Operating System	Qualcomm	Wcn3950 Firmware	-	All	All	All

Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcn3980</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wcn3980 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcn3988</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wcn3988 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcn3990</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wcn3990 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcn3998</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wcn3998 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcn3999</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wcn3999 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcn6740</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wcn6740 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcn6750</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wcn6750 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcn685x-1</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wcn685x-1 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcn685x-5</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wcn685x-5 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcn785x-1</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wcn785x-1 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcn785x-5</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wcn785x-5 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wsa8810</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wsa8810 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wsa8815</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wsa8815 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wsa8830</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wsa8830 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wsa8832</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wsa8832 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wsa8835</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Wsa8835 Firmware</a>	-	All	All	All

## References

Reference	Source	Link	Tags
Qualcomm Documentation	MISC	<a href="http://www.qualcomm.com">www.qualcomm.com</a>	

CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

[610480](#) Google Android Devices April 2023 Security Patch Missing

[610485](#) Google Android May 2023 Security Patch Missing for Samsung

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