



CVE-2023-33029

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Summary

CVE	CVE-2023-33029
State	PUBLIC
Assigner	product-security@qualcomm.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-10-03 06:15:00 UTC
Updated	2023-10-05 15:28:00 UTC
Description	Memory corruption in DSP Service during a remote call from HLOS to DSP.

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Qualcomm	Apq8009	-	All	All	All
Operating System	Qualcomm	Apq8009 Firmware	-	All	All	All
Hardware	Qualcomm	Ar8035	-	All	All	All
Operating System	Qualcomm	Ar8035 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	Flight Rb5 5g Platform	-	All	All	All
Operating System	Qualcomm	Flight Rb5 5g Platform Firmware	-	All	All	All
Hardware	Qualcomm	Qam8255p	-	All	All	All
Operating System	Qualcomm	Qam8255p Firmware	-	All	All	All
Hardware	Qualcomm	Qam8295p	-	All	All	All
Operating System	Qualcomm	Qam8295p Firmware	-	All	All	All
Hardware	Qualcomm	Qam8650p	-	All	All	All
Operating System	Qualcomm	Qam8650p Firmware	-	All	All	All
Hardware	Qualcomm	Qam8775p	-	All	All	All

Operating System	Qualcomm	Qam8775p Firmware	-	All	All	All
Hardware	Qualcomm	Qca6174a	-	All	All	All
Operating System	Qualcomm	Qca6174a Firmware	-	All	All	All
Hardware	Qualcomm	Qca6391	-	All	All	All
Operating System	Qualcomm	Qca6391 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	Qca6797aq	-	All	All	All
Operating System	Qualcomm	Qca6797aq Firmware	-	All	All	All
Hardware	Qualcomm	Qca8081	-	All	All	All
Operating System	Qualcomm	Qca8081 Firmware	-	All	All	All
Hardware	Qualcomm	Qca8337	-	All	All	All
Operating System	Qualcomm	Qca8337 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9377	-	All	All	All
Operating System	Qualcomm	Qca9377 Firmware	-	All	All	All
Hardware	Qualcomm	Qcc710	-	All	All	All
Operating System	Qualcomm	Qcc710 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm4325	-	All	All	All
Operating System	Qualcomm	Qcm4325 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm4490	-	All	All	All
Operating System	Qualcomm	Qcm4490 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm6490	-	All	All	All
Operating System	Qualcomm	Qcm6490 Firmware	-	All	All	All
Hardware	Qualcomm	Qcm6694	-	All	All	All

Hardware	Qualcomm	Qcn16024	-	All	All	All
Operating System	Qualcomm	Qcn6024 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn6224	-	All	All	All
Operating System	Qualcomm	Qcn6224 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn6274	-	All	All	All
Operating System	Qualcomm	Qcn6274 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	Qcs410	-	All	All	All
Operating System	Qualcomm	Qcs410 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs4490	-	All	All	All
Operating System	Qualcomm	Qcs4490 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs610	-	All	All	All
Operating System	Qualcomm	Qcs610 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs6490	-	All	All	All
Operating System	Qualcomm	Qcs6490 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs7230	-	All	All	All
Operating System	Qualcomm	Qcs7230 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs8250	-	All	All	All
Operating System	Qualcomm	Qcs8250 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs8550	-	All	All	All
Operating System	Qualcomm	Qcs8550 Firmware	-	All	All	All
Hardware	Qualcomm	Qdu1000	-	All	All	All
Operating System	Qualcomm	Qdu1000 Firmware	-	All	All	All
Hardware	Qualcomm	Qdu1010	-	All	All	All
Operating System	Qualcomm	Qdu1010 Firmware	-	All	All	All
Hardware	Qualcomm	Qdu1110	-	All	All	All
Operating System	Qualcomm	Qdu1110 Firmware	-	All	All	All
Hardware	Qualcomm	Qdu1210	-	All	All	All
Operating System	Qualcomm	Qdu1210 Firmware	-	All	All	All
Hardware	Qualcomm	Qdx1010	-	All	All	All
Operating System	Qualcomm	Qdx1010 Firmware	-	All	All	All

Hardware	Qualcomm	Qdx1011	-	All	All	All
Operating System	Qualcomm	Qdx1011 Firmware	-	All	All	All
Hardware	Qualcomm	Qfw7114	-	All	All	All
Operating System	Qualcomm	Qfw7114 Firmware	-	All	All	All
Hardware	Qualcomm	Qfw7124	-	All	All	All
Operating System	Qualcomm	Qfw7124 Firmware	-	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
Hardware	Qualcomm	Qru1032	-	All	All	All
Operating System	Qualcomm	Qru1032 Firmware	-	All	All	All
Hardware	Qualcomm	Qru1052	-	All	All	All
Operating System	Qualcomm	Qru1052 Firmware	-	All	All	All
Hardware	Qualcomm	Qru1062	-	All	All	All
Operating System	Qualcomm	Qru1062 Firmware	-	All	All	All
Hardware	Qualcomm	Qualcomm Video Collaboration Vc1 Platform	-	All	All	All
Operating System	Qualcomm	Qualcomm Video Collaboration Vc1 Platform Firmware	-	All	All	All
Hardware	Qualcomm	Qualcomm Video Collaboration Vc3 Platform	-	All	All	All
Operating System	Qualcomm	Qualcomm Video Collaboration Vc3 Platform Firmware	-	All	All	All
Hardware	Qualcomm	Qualcomm Video Collaboration Vc5 Platform	-	All	All	All
Operating System	Qualcomm	Qualcomm Video Collaboration Vc5 Platform Firmware	-	All	All	All
Hardware	Qualcomm	Robotics Rb5 Platform	-	All	All	All
Operating System	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	Sa6155p	-	All	All	All
Operating System	Qualcomm	Sa6155p 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	Sa8155p	-	All	All	All
Operating System	Qualcomm	Sa8155p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8195p	-	All	All	All
Operating System	Qualcomm	Sa8195p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8255p	-	All	All	All
Operating System	Qualcomm	Sa8255p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8295p	-	All	All	All
Operating System	Qualcomm	Sa8295p Firmware	-	All	All	All
Hardware	Qualcomm	Sd888	-	All	All	All
Operating System	Qualcomm	Sd888 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 8 Gen1 5g	-	All	All	All
Operating System	Qualcomm	Sd 8 Gen1 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sg4150p	-	All	All	All
Operating System	Qualcomm	Sg4150p Firmware	-	All	All	All
Hardware	Qualcomm	Sg8275p	-	All	All	All
Operating System	Qualcomm	Sg8275p 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	Sm4450	-	All	All	All
Operating System	Qualcomm	Sm4450 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	Sm6375	-	All	All	All
Operating System	Qualcomm	Sm6375 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	-	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	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	Sm8550p	-	All	All	All
Operating System	Qualcomm	Sm8550p Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 7c Gen 3 Compute	-	All	All	All
Operating System	Qualcomm	Snapdragon 7c Gen 3 Compute Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 8 Gen 2 Mobile Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon 8 Gen 2 Mobile Platform Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 8 Gen 2 Mobile Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon 8 Gen 2 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 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 X12 Lte Modem	-	All	All	All
Operating System	Qualcomm	Snapdragon X12 Lte Modem 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 X75 5g Modem-rf System	-	All	All	All
Operating System	Qualcomm	Snapdragon X75 5g Modem-rf System 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	Sxr1230p	-	All	All	All
Operating System	Qualcomm	Sxr1230p Firmware	-	All	All	All
Hardware	Qualcomm	Sxr2230p	-	All	All	All
Operating System	Qualcomm	Sxr2230p 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	Wcd9370	-	All	All	All
Operating System	Qualcomm	Wcd9370 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	Wcd9390	-	All	All	All
Operating System	Qualcomm	Wcd9390 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9395	-	All	All	All
Operating System	Qualcomm	Wcd9395 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3950	-	All	All	All
Operating System	Qualcomm	Wcn3950 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3980	-	All	All	All

Operating System	Qualcomm	Wcn3980 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3988	-	All	All	All
Operating System	Qualcomm	Wcn3988 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3991	-	All	All	All
Operating System	Qualcomm	Wcn3991 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3998	-	All	All	All
Operating System	Qualcomm	Wcn3998 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6740	-	All	All	All
Operating System	Qualcomm	Wcn6740 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6750	-	All	All	All
Operating System	Qualcomm	Wcn6750 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn685x-1	-	All	All	All
Operating System	Qualcomm	Wcn685x-1 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn685x-5	-	All	All	All
Operating System	Qualcomm	Wcn685x-5 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn785x-1	-	All	All	All
Operating System	Qualcomm	Wcn785x-1 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn785x-5	-	All	All	All
Operating System	Qualcomm	Wcn785x-5 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8810	-	All	All	All
Operating System	Qualcomm	Wsa8810 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8815	-	All	All	All
Operating System	Qualcomm	Wsa8815 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8830	-	All	All	All
Operating System	Qualcomm	Wsa8830 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8832	-	All	All	All
Operating System	Qualcomm	Wsa8832 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8835	-	All	All	All
Operating System	Qualcomm	Wsa8835 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8840	-	All	All	All
Operating System	Qualcomm	Wsa8840 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8845	-	All	All	All
Hardware	Qualcomm	Wsa8845h	-	All	All	All
Operating System	Qualcomm	Wsa8845h Firmware	-	All	All	All
Operating System	Qualcomm	Wsa8845 Firmware	-	All	All	All

References

Reference	Source	Link	Tags
Qualcomm Documentation	MISC	www.qualcomm.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[610513](#) Google Android Devices October 2023 Security Patch Missing

[610519](#) Google Android November 2023 Security Patch Missing for Samsung

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