



# CVE-2022-40535

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2022-40535
<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>	2023-03-10 21:15:00 UTC
<b>Updated</b>	2023-03-16 16:46:00 UTC
<b>Description</b>	Transient DOS due to buffer over-read in WLAN while sending a packet to device.

## Risk And Classification

**Problem Types:** CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Qualcomm</a>	<a href="#">Csr8811</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Csr8811 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">lpq8070a</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">lpq8070a Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">lpq8071a</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">lpq8071a Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">lpq8072a</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">lpq8072a Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">lpq8074a</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">lpq8074a Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">lpq8076</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">lpq8076a</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">lpq8076a Firmware</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">lpq8076 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">lpq8078</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">lpq8078a</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">lpq8078a Firmware</a>	-	All	All	All

Operating System	Qualcomm	Ipq8078 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq8173	-	All	All	All
Operating System	Qualcomm	Ipq8173 Firmware	-	All	All	All
Hardware	Qualcomm	Ipq8174	-	All	All	All
Operating System	Qualcomm	Ipq8174 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	Qca4024	-	All	All	All
Operating System	Qualcomm	Qca4024 Firmware	-	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	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	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	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	Qca8386	-	All	All	All
Operating System	Qualcomm	Qca8386 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9888	-	All	All	All
Operating System	Qualcomm	Qca9888 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9888	-	All	All	All

Hardware	Qualcomm	Qca9689	-	All	All	All
Operating System	Qualcomm	Qca9889 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5024	-	All	All	All
Operating System	Qualcomm	Qcn5024 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5124	-	All	All	All
Operating System	Qualcomm	Qcn5124 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5154	-	All	All	All
Operating System	Qualcomm	Qcn5154 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn5164	-	All	All	All
Operating System	Qualcomm	Qcn5164 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn6023	-	All	All	All
Operating System	Qualcomm	Qcn6023 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn6024	-	All	All	All
Operating System	Qualcomm	Qcn6024 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9000	-	All	All	All
Operating System	Qualcomm	Qcn9000 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9024	-	All	All	All
Operating System	Qualcomm	Qcn9024 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9070	-	All	All	All
Operating System	Qualcomm	Qcn9070 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn9072	-	All	All	All
Operating System	Qualcomm	Qcn9072 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	Sd460	-	All	All	All
Operating System	Qualcomm	Sd460 Firmware	-	All	All	All
Hardware	Qualcomm	Sd480	-	All	All	All
Operating System	Qualcomm	Sd480 Firmware	-	All	All	All
Hardware	Qualcomm	Sd662	-	All	All	All
Operating System	Qualcomm	Sd662 Firmware	-	All	All	All
Hardware	Qualcomm	Sd680	-	All	All	All
Operating System	Qualcomm	Sd680 Firmware	-	All	All	All
Hardware	Qualcomm	Sd695	-	All	All	All
Operating System	Qualcomm	Sd695 Firmware	-	All	All	All

Hardware	Qualcomm	Sd865 5g	-	All	All	All
Operating System	Qualcomm	Sd865 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sd870	-	All	All	All
Operating System	Qualcomm	Sd870 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx55m	-	All	All	All
Operating System	Qualcomm	Sdx55m Firmware	-	All	All	All
Hardware	Qualcomm	Sdx65	-	All	All	All
Hardware	Qualcomm	Sdx65m	-	All	All	All
Operating System	Qualcomm	Sdx65m Firmware	-	All	All	All
Operating System	Qualcomm	Sdx65 Firmware	-	All	All	All
Hardware	Qualcomm	Sm4125	-	All	All	All
Operating System	Qualcomm	Sm4125 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 4 Gen 1	-	All	All	All
Operating System	Qualcomm	Snapdragon 4 Gen 1 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	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	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	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	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	Wcn6850	-	All	All	All
Operating System	Qualcomm	Wcn6850 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6851	-	All	All	All
Operating System	Qualcomm	Wcn6851 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	Wsa8835	-	All	All	All
Operating System	Qualcomm	Wsa8835 Firmware	-	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

[610471](#) Google Android Devices March 2023 Security Patch Missing

[610484](#) Google Android April 2023 Security Patch Missing for Samsung

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