



# CVE-2022-33227

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

## Summary

<b>CVE</b>	CVE-2022-33227
<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>	2023-06-06 08:15:00 UTC
<b>Updated</b>	2023-06-13 16:54:00 UTC
<b>Description</b>	Memory corruption in Linux android due to double free while calling unregister provider after register call.

## 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="#">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="#">Csr31024</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Csr31024 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qam8255p</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qam8255p Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qam8295p</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qam8295p Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6310</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6310 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6320</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6320 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6390</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6390 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6391</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6391 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6420</a>	-	All	All	All

Operating System	Qualcomm	Qca6420 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	Qca6436	-	All	All	All
Operating System	Qualcomm	Qca6436 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6564	-	All	All	All
Hardware	Qualcomm	Qca6564au	-	All	All	All
Operating System	Qualcomm	Qca6564au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6564 Firmware	-	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
Hardware	Qualcomm	Qca6595au	-	All	All	All
Operating System	Qualcomm	Qca6595au 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	Qcs410	-	All	All	All
Operating System	Qualcomm	Qcs410 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs610	-	All	All	All
Operating System	Qualcomm	Qcs610 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

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	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	Sdm429	-	All	All	All
Hardware	Qualcomm	Sdm429w	-	All	All	All
Operating System	Qualcomm	Sdm429w Firmware	-	All	All	All
Operating System	Qualcomm	Sdm429 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	Snapdragon 835 Mobile Pc Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon 835 Mobile Pc 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 W5 Gen 1 Wearable Platform	-	All	All	All
Operating System	Qualcomm	Snapdragon W5 Gen 1 Wearable Platform Firmware	-	All	All	All

Hardware	Qualcomm	<a href="#">Snapdragon Wear 4100 Platform</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Snapdragon Wear 4100 Platform Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Snapdragon X55 5g Modem-rf System</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Snapdragon X55 5g Modem-rf System Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Snapdragon Xr2 5g Platform</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Snapdragon Xr2 5g Platform Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sw5100</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sw5100p</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sw5100p Firmware</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sw5100 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sxr2130</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sxr2130 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcd9335</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcd9335 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcd9340</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcd9340 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcd9341</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcd9341 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcd9370</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcd9370 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcd9380</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcd9380 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3610</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3610 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3620</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3620 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3660b</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3660b Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3680b</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3680b Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3950</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3950 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3980</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3980 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3988</a>	-	All	All	All

Operating System	Qualcomm	Wcn3988 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3990	-	All	All	All
Operating System	Qualcomm	Wcn3990 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	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	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

[610491](#) Google Pixel Android June 2023 Security Patch Missing

[610492](#) Google Pixel Android July 2023 Security Patch Missing

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