



# CVE-2023-21643

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

## Summary

<b>CVE</b>	CVE-2023-21643
<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>	2023-08-08 10:15:00 UTC
<b>Updated</b>	2023-08-10 17:14:00 UTC
<b>Description</b>	Memory corruption due to untrusted pointer dereference in automotive during system call.

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Qualcomm</a>	<a href="#">Apq8064au</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Apq8064au Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Apq8096au</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Apq8096au Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Msm8996au</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Msm8996au 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="#">Qca6564a</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6564au</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6564au Firmware</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6564a Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6574a</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6574au</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6574au Firmware</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6574a Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6584au</a>	-	All	All	All

Operating System	Qualcomm	Qca6584au 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	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

## 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

[nvd.nist.gov](https://nvd.nist.gov)

canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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