



# CVE-2023-20819

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

## Summary

<b>CVE</b>	CVE-2023-20819
<b>State</b>	PUBLIC
<b>Assigner</b>	security@mediatek.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-10-02 03:15:00 UTC
<b>Updated</b>	2023-10-03 00:56:00 UTC
<b>Description</b>	In CDMA PPP protocol, there is a possible out of bounds write due to a missing bounds check. This could lead to remote es

## Risk And Classification

### Problem Types: CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Mediatek</a>	Lr11	-	All	All	All
Operating System	<a href="#">Mediatek</a>	Lr12a	-	All	All	All
Operating System	<a href="#">Mediatek</a>	Lr13	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt2731	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6570	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6580	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6595	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6732	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6735	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6737	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6737m	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6738	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6739	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6750	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6750s	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6752	-	All	All	All
Hardware	<a href="#">Mediatek</a>	Mt6753	-	All	All	All

Hardware	Mediatek	Mt6755	-	All	All	All
Hardware	Mediatek	Mt6757	-	All	All	All
Hardware	Mediatek	Mt6758	-	All	All	All
Hardware	Mediatek	Mt6761	-	All	All	All
Hardware	Mediatek	Mt6762	-	All	All	All
Hardware	Mediatek	Mt6762d	-	All	All	All
Hardware	Mediatek	Mt6762m	-	All	All	All
Hardware	Mediatek	Mt6763	-	All	All	All
Hardware	Mediatek	Mt6765	-	All	All	All
Hardware	Mediatek	Mt6765t	-	All	All	All
Hardware	Mediatek	Mt6767	-	All	All	All
Hardware	Mediatek	Mt6768	-	All	All	All
Hardware	Mediatek	Mt6769	-	All	All	All
Hardware	Mediatek	Mt6769t	-	All	All	All
Hardware	Mediatek	Mt6769z	-	All	All	All
Hardware	Mediatek	Mt6771	-	All	All	All
Hardware	Mediatek	Mt6775	-	All	All	All
Hardware	Mediatek	Mt6779	-	All	All	All
Hardware	Mediatek	Mt6781	-	All	All	All
Hardware	Mediatek	Mt6783	-	All	All	All
Hardware	Mediatek	Mt6785	-	All	All	All
Hardware	Mediatek	Mt6785t	-	All	All	All
Hardware	Mediatek	Mt6789	-	All	All	All
Hardware	Mediatek	Mt6795	-	All	All	All
Hardware	Mediatek	Mt6797	-	All	All	All
Hardware	Mediatek	Mt6799	-	All	All	All
Hardware	Mediatek	Mt6813	-	All	All	All
Hardware	Mediatek	Mt6815	-	All	All	All
Hardware	Mediatek	Mt6833	-	All	All	All
Hardware	Mediatek	Mt6835	-	All	All	All
Hardware	Mediatek	Mt6853	-	All	All	All
Hardware	Mediatek	Mt6855	-	All	All	All
Hardware	Mediatek	Mt6873	-	All	All	All
Hardware	Mediatek	Mt6875	-	All	All	All
Hardware	Mediatek	Mt6875t	-	All	All	All

Hardware	Mediatek	Mt6877	-	All	All	All
Hardware	Mediatek	Mt6878	-	All	All	All
Hardware	Mediatek	Mt6879	-	All	All	All
Hardware	Mediatek	Mt6883	-	All	All	All
Hardware	Mediatek	Mt6885	-	All	All	All
Hardware	Mediatek	Mt6886	-	All	All	All
Hardware	Mediatek	Mt6889	-	All	All	All
Hardware	Mediatek	Mt6891	-	All	All	All
Hardware	Mediatek	Mt6893	-	All	All	All
Hardware	Mediatek	Mt6895	-	All	All	All
Hardware	Mediatek	Mt6895t	-	All	All	All
Hardware	Mediatek	Mt6896	-	All	All	All
Hardware	Mediatek	Mt6897	-	All	All	All
Hardware	Mediatek	Mt6983	-	All	All	All
Hardware	Mediatek	Mt6985	-	All	All	All
Hardware	Mediatek	Mt6989	-	All	All	All
Hardware	Mediatek	Mt8666	-	All	All	All
Hardware	Mediatek	Mt8666a	-	All	All	All
Hardware	Mediatek	Mt8667	-	All	All	All
Hardware	Mediatek	Mt8673	-	All	All	All
Hardware	Mediatek	Mt8675	-	All	All	All
Hardware	Mediatek	Mt8765	-	All	All	All
Hardware	Mediatek	Mt8766	-	All	All	All
Hardware	Mediatek	Mt8766z	-	All	All	All
Hardware	Mediatek	Mt8768	-	All	All	All
Hardware	Mediatek	Mt8768a	-	All	All	All
Hardware	Mediatek	Mt8768b	-	All	All	All
Hardware	Mediatek	Mt8768t	-	All	All	All
Hardware	Mediatek	Mt8768z	-	All	All	All
Hardware	Mediatek	Mt8781	-	All	All	All
Hardware	Mediatek	Mt8786	-	All	All	All
Hardware	Mediatek	Mt8788	-	All	All	All
Hardware	Mediatek	Mt8788t	-	All	All	All
Hardware	Mediatek	Mt8788x	-	All	All	All
Hardware	Mediatek	Mt8788z	-	All	All	All

Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8791</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8791t</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8797</a>	-	All	All	All
Hardware	<a href="#">Mediatek</a>	<a href="#">Mt8798</a>	-	All	All	All
Operating System	<a href="#">Mediatek</a>	<a href="#">Nr15</a>	-	All	All	All
Operating System	<a href="#">Mediatek</a>	<a href="#">Nr16</a>	-	All	All	All
Operating System	<a href="#">Mediatek</a>	<a href="#">Nr17</a>	-	All	All	All

## References

Reference	Source	Link	Tags
October 2023	MISC	<a href="http://corp.mediatek.com">corp.mediatek.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

<a href="#">610513</a> Google Android Devices October 2023 Security Patch Missing
<a href="#">610519</a> Google Android November 2023 Security Patch Missing for Samsung

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