



# CVE-2023-32828

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2023-32828  |
| <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 01:44:00 UTC   |
| <b>Description</b>     | In vpu, there is a possible out of bounds write due to an integer overflow. This could lead to local escalation of privilege with |

## Risk And Classification

### Problem Types: CWE-190

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                   | Product                   | Version | Update | Edition | Language |
|------------------|--------------------------|---------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Google</a>   | <a href="#">Android</a>   | 12.0    | All    | All     | All      |
| Application      | <a href="#">Mediatek</a> | <a href="#">Iot Yocto</a> | 23.0    | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6771</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6779</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6785</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6853</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6853t</a>   | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6873</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6877</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6885</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6891</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6893</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt8183</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt8188</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt8195</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt8390</a>    | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt8395</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.

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

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