



# CVE-2022-23946

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

## Summary

|                        |                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2022-23946                                                                                                           |
| <b>State</b>           | PUBLIC                                                                                                                   |
| <b>Assigner</b>        | talos-cna@cisco.com                                                                                                      |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                             |
| <b>Published</b>       | 2022-02-04 23:15:00 UTC                                                                                                  |
| <b>Updated</b>         | 2023-11-07 03:44:00 UTC                                                                                                  |
| <b>Description</b>     | A stack-based buffer overflow vulnerability exists in the Gerber Viewer gerber and excellon GCodeNumber parsing function |

## Risk And Classification

### Problem Types: CWE-121

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                        | Product                      | Version | Update | Edition | Language |
|------------------|-------------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Debian</a>        | <a href="#">Debian Linux</a> | 10.0    | All    | All     | All      |
| Operating System | <a href="#">Debian</a>        | <a href="#">Debian Linux</a> | 11.0    | All    | All     | All      |
| Operating System | <a href="#">Debian</a>        | <a href="#">Debian Linux</a> | 9.0     | All    | All     | All      |
| Operating System | <a href="#">Fedoraproject</a> | <a href="#">Fedora</a>       | 35      | All    | All     | All      |
| Application      | <a href="#">Kicad</a>         | <a href="#">Kicad Eda</a>    | 6.0.1   | All    | All     | All      |

## References

| Reference                                                                                 | Source  | Link                                                                  | Tags      |
|-------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------|-----------|
| [SECURITY] Fedora 35 Update: kicad-6.0.2-1.fc35 - package-announce - Fedora Mailing-Lists | FEDORA  | <a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a> |           |
| Debian -- Security Information -- DSA-5214-1 kicad                                        | DEBIAN  | <a href="https://www.debian.org">www.debian.org</a>                   |           |
| [SECURITY] [DLA 3078-1] kicad security update                                             | MLIST   | <a href="https://lists.debian.org">lists.debian.org</a>               |           |
| Talos Website                                                                             | MISC    | <a href="https://talosintelligence.com">talosintelligence.com</a>     |           |
| [SECURITY] Fedora 35 Update: kicad-6.0.2-1.fc35 - package-announce - Fedora Mailing-Lists |         | <a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a> |           |
| [SECURITY] [DLA 2998-1] kicad security update                                             | MLIST   | <a href="https://lists.debian.org">lists.debian.org</a>               |           |
| CVE Program record                                                                        | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                         | canonical |
| NVD vulnerability detail                                                                  | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                       | canonical |

No vendor comments have been submitted for this CVE.

#### Legacy QID Mappings

|                                                                                  |
|----------------------------------------------------------------------------------|
| <a href="#">179274</a> Debian Security Update for kicad (DLA 2998-1)             |
| <a href="#">180953</a> Debian Security Update for kicad (DLA 3078-1)             |
| <a href="#">180955</a> Debian Security Update for kicad (DSA 5214-1)             |
| <a href="#">183381</a> Debian Security Update for kicad (CVE-2022-23946)         |
| <a href="#">282451</a> Fedora Security Update for kicad (FEDORA-2022-78b18981a6) |

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