



CVE-2022-33023

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Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Cva6](#) from [Openhwgroup](#) contain the following vulnerability:

CVA6 commit 909d85a gives incorrect permission to use special multiplication units when the format of instructions is wrong.

CVE-2022-33023 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	HIGH	NONE

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
[Bug report] miss illegal instruction exception when rd of MULHU is the same as rs1 or rs2 · Issue #885 · openhwgroup/cva6 · GitHub	github.com text/html	MISC github.com/openhwgroup/cva6/issues/885

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Openhwgroup	Cva6	-	All	All	All
cpe:2.3:a:openhwgroup:cva6:-:*****::						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-33023 : CVA6 commit 909d85a gives incorrect permission to use special multiplication units when the format... twitter.com/i/web/status/1...	2022-06-29 12:07:35
 /r/netcve	CVE-2022-33023	2022-06-29 13:38:11

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