



Issued Date: July 27, 2026
Issued By: Product Security Incident Response Team (PSIRT)
A-SOCAPG-PSNGA02EN v1.1

Ambiq Security Advisory

PRODUCT SECURITY NOTIFICATION

Overview

Ambiq products use the ARM Cortex M55 core for several of our devices. ARM has released a Security Bulletin for the Cortex-M security extensions enabled on these cores. This advisory refers customers to that bulletin and suggests that they follow the advice in terms of toolchain selection.

Common Vulnerabilities and Exposure (CVE) ID(s)

The following CVE are covered in this Security Advisory:

[CVE-2024-7883](#)

Please also see the ARM security bulletin here:

<https://developer.arm.com/documentation/110370/latest>

Affected Products

This vulnerability impacts all of the following devices:

Apollo330 Plus, Apollo330B Plus, Apollo330M Plus, Apollo510, Apollo510 Lite, Apollo510B, Apollo510B Lite, Apollo510D Lite

Security Risk Assessment

The vulnerability identified as **CVE-2024-7883** poses a specific risk under a limited set of circumstances. As such, this is a low-risk situation, but the customer should act if they are still using the affected toolchains.

Mitigation and Remediation

Migration from impacted toolchains is recommended.

Availability of Fix

Ambiq will not provide a specific fix for the issue. ARM is supporting the toolchains involved.

Customer Guidance

Ambiq recommends that customers update their tools.

Reporting and Support

Contact the Ambiq Product Security Team at psirt@ambiq.com.

Legal Notice

This notification is provided for informational purposes only and may be revised without notice. While Ambiq has implemented security features in our devices, all computer systems have risks of security vulnerabilities that cannot be completely prevented or mitigated. Customers are solely responsible for determining the level of security protection required and the design, validation, and testing of their products and applications. Ambiq assumes no liability for any vulnerabilities that are discovered.

This notification does not constitute an admission of any defect, nonconformity, or liability. THE INFORMATION IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. This notification does not modify, extend, or otherwise affect any warranty or contractual obligation between Ambiq and its customers. To the maximum extent permitted by applicable law, Ambiq shall not

be liable for any damages arising out of or related to the use of this information or the implementation of any recommended mitigation. There are no express or implied licenses to any intellectual property rights granted by this document.

The content of this notification is based on information available at the time of publication, and Ambiq is under no obligation to update.

Artisie, Apollo, Atomiq, and combinations thereof are trademarks of Ambiq Micro, Inc. Other product names used in this publication are for identification purposes only and may be trademarks of their respective companies.

© 2026 Ambiq Micro, Inc. All rights reserved.