

# SECURITY ADVISORY

## ID:202400001

REV.2.0

29 JULY, 2025  
RENESAS PSIRT  
RENESAS ELECTRONICS CORPORATION

# SECURITY ADVISORY [ID: 202400001]

## DA1469X SECURE BOOT VULNERABILITIES

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### 1.CVEID - CVSS vector [base score]

CVE-2024-25076 - [Renesas: CVSS:4.0/AV:P/AC:H/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L 5.4 / medium]

CVE-2024-25077 - [Renesas: CVSS:4.0/AV:P/AC:H/AT:N/PR:N/UI:N/VC:H/VI:H/VA:H/SC:L/SI:L/SA:L 5.4 / medium]

### 2.Publication date

10<sup>th</sup> July 2024.

### 3.Summary

Renesas have received notification from a 3<sup>rd</sup> party test house of two vulnerabilities observed in the secure boot process of the DA1469x Bluetooth Low Energy SoC identified in a penetration attack test campaign.

The report has been analysed and the vulnerabilities confirmed. Exploitation of these vulnerabilities severely compromises the secure boot process, meaning that arbitrary third-party (or injected) code be executed even when the secure boot is enabled.

In order to expose these vulnerabilities the attacker must have physical access to the target device, the vulnerabilities cannot be exposed by remote or over-the-air access.

### 4.Affected products(and versions)

DA1469x family: DA14691, DA14695, DA14697 & DA14699

### 5.(Potentially)Impacted features

Non-functioning secure boot, possibility to execute malicious code.

### 6.Mitigation

It is recommended to prevent access to the flash device by the product's enclosure or by encapsulation or by coating.

### 7.Acknowledgement

Renesas would like to thank the 3rd party test house for their responsible reporting of their findings.

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Revision	Remarks	Date
1.0	Initial publication.	8 <sup>th</sup> Mar, 2024
2.0	Updated with mitigation	29 <sup>th</sup> July 2025

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