

Bug Advisory

Title	Bug Advisory: Unable to Boot Few ESP32-C3 Products Using Certain ESP-IDF Versions
Issue date	2021-12-24
Advisory Number	AR2021-006
Serial Number	NA
Version	V1.0

Issue Summary

Among ESP32-C3 series of products (including ESP32-C3 series of chips, modules, and development boards) developed and produced based on ESP-IDF v4.3-rc and ESP-IDF v4.3, a few are unable to boot due to improper parameter configurations in the chip's initialization software.

Affected ESP-IDF versions:
master branch: from [eea76d1](#) to [b342b49](#) (excluded).
release/v4.3 branch: from [6d2bdfc](#) to [517dd5c](#) (excluded), including release [v4.3-rc](#) and [v4.3](#).

Patched Versions of ESP-IDF

ESP-IDF branch	Commit ID
master	b342b49
release/v4.3	517dd5c , part of v4.3.1 release

Note: ESP-IDF [v4.3.1](#) and versions higher already include the fix to this bug. You are recommended to use the latest stable versions based on release/v4.3 branch, the latest stable version is ESP-IDF [v4.3.2](#).

Recommendations for Application Developers

When you develop ESP32-C3 series of products or upgrade ESP-IDF versions used for ESP32-C3 series of products, it is recommended to use ESP-IDF v4.3.1 or versions higher.

If you encounter any problems during the upgrade process, please provide the IDF version or commit ID to [Espressif](#). We will confirm and handle issues involved.