

Espressif's Arduino® Core

Espressif's Arduino Core integrates seamlessly into ESP-IDF projects, allowing the use of Arduino ecosystem libraries alongside ESP-IDF.

This enables a smooth transition from prototype to production by gradually migrating parts of your project while continuing to leverage Arduino libraries where needed.

The Arduino ecosystem unites a vast community of creators, professionals, and developers from beginners to experts.

Component and Features

Arduino on Espressif devices includes two products:

The Arduino Core for ESP32 and the **Arduino Component for ESP-IDF**, both built on top of the ESP-IDF.

Application

Arduino APIs

ESP-IDF Operating System

HW Platform



Arduino Core for ESP32



Arduino Component for ESP-IDF

Supported SoCs

We're working to support all Espressif SoCs, ensuring **seamless development** across the entire ecosystem!

Currently, it's supported on:

ESP32

ESP32-S

ESP32-C

ESP32-H

ESP32-P

Get started today!

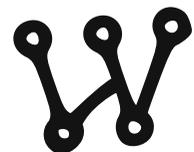
Access rich resources like documentation, forums, examples, tutorials, and more to fuel your projects!

Explore more at:
developer.espressif.com



**Do you want to try it right now?
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