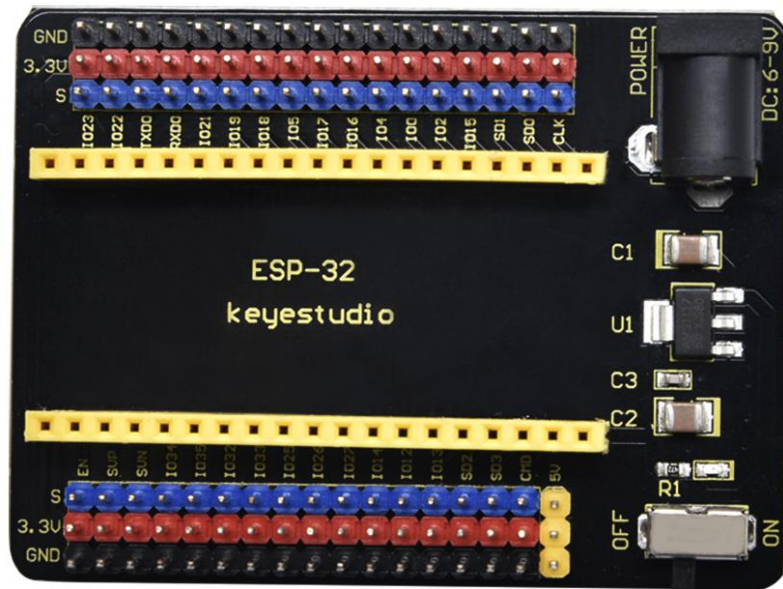




## keyestudio ESP32-IO Shield (Black and Eco-friendly)



### Introduction

The keyestudio ESP32-IO shield is designed to be compatible with the [keyestudio ESP32 Core board](https://www.keyestudio.com/ESP32-Core-board). The ESP32-IO shield has brought out all the pins of keyestudio ESP32 Core board in the form of 2.54mm pin header.

In order to connect other sensors easily, the ESP32-IO shield also has 2 rows of 2.54mm pin headers, powering external sensors/modules with DC 3.3V voltage. At the same time, in order to supply the power to keyestudio ESP32 Core board, the ESP32-IO shield has also designed with the power supply circuit.

When using, you only need to input DC 7-12V voltage on the black DC jack to



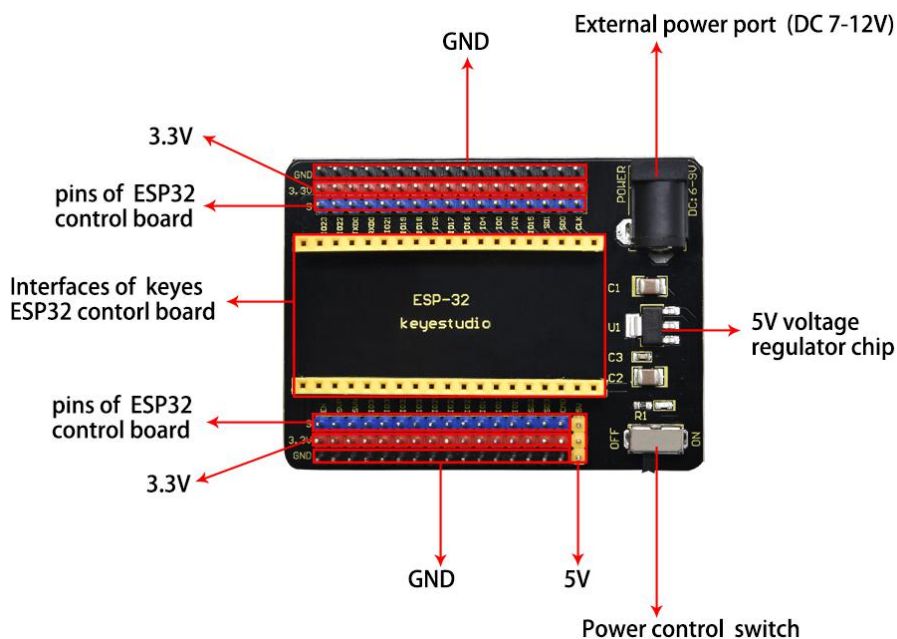
power the keyestudio ESP32 Core board.

And the ESP32-IO shield also comes with a DIP switch, for controlling the power.

## Performance Parameters

- Supply voltage: DC 7-12V
- Working current: 60mA
- Maximum power: 0.3W
- Operating temperature: -25°C to +65°C
- Dimensions: 30mm\*20mm
- Environmental attributes: ROHS

## Pins Description





## Example:

