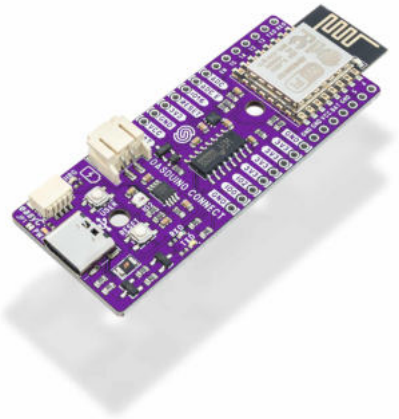
DASDUINO CONNECT (ESP8266)



Weight	37 g
Headers	Female Headers, Male Headers, No Headers

DESCRIPTION

The biggest advantage of Dasduino Connect hides within its name. If you ever wanted to connect your development board directly to the Internet, look no further! This Dasduino comes with the ability to connect to Wi-Fi. It even comes with the TCP/IP protocol suite that supports DNS. Connecting the physical world with the Internet has never been easier! Dasduino Connect is based on the well-known ESP8266 microchip which can be a bit complicated to use on its own. Adding the fact that it works from the Arduino IDE, working this board is as simple as it gets.

Dasduino Connect is 71 mm wide and 26 mm high so you can fit it in most projects. It fits perfectly on a breadboard for faster prototyping. It has a total of 30 pins, most of which are digital and one of which is analog. You can simply connect it to your computer with a USB Type-C and program it in Arduino IDE. Connecting the Dasduino Connect with other boards is done with an easyC cable. The design is 3.3V ready with an onboard regulator for 5V. With the JST battery connector, you can make your projects truly wireless. It includes full RGB WS2812B LED as well. Comes without any headers although it comes with USB-C cable.

Dasduino CONNECT (ESP8266) options:

The Dasduino CONNECT comes in 3 versions depending on the method of establishing a connection to the pins:

- without headers
- with male headers

- with female headers

FEATURES

- ESP8266 microcontroller
- Operating voltage: 3.3V (onboard regulator for 5V)
- GPIO pins: 9
- Li-ion charger
- Connectors: USB Type-C (female), easyC, JST battery
- Push buttons: Reset, User
- CH340C USB-UART converter
- WS2812B full color RGB LED
- Optional without headers
- Optional with male headers

USEFUL LINKS

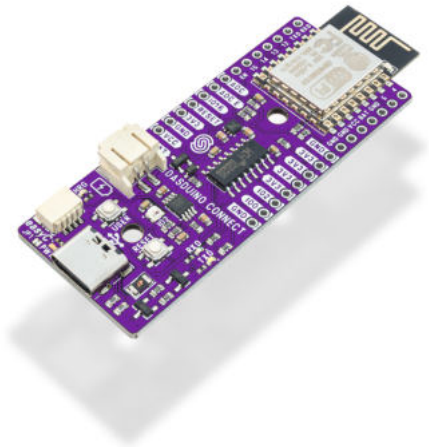
- Arduino IDE board definition
- Pinout
- Datasheet
- Open-Source Hardware files

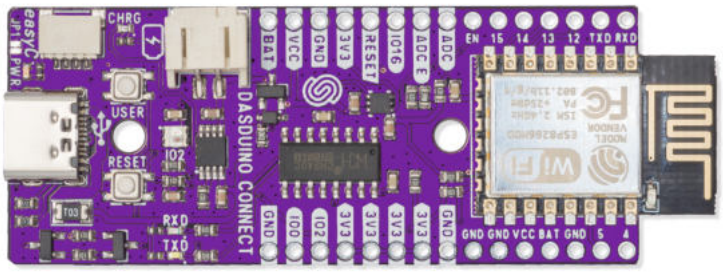
TIPS

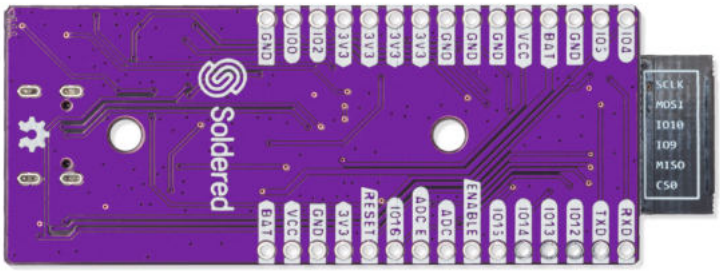
Adding code on Dasduino Connect is really simple with Arduino IDE. If something's not working, check if everything is connected properly. First, take a look at the Dasduino. If everything is connected to headers properly, look at the connections on the breadboard. If everything is correct there, check your code once more. Some bugs that the Arduino IDE doesn't notice might have snuck in and might be messing up with the whole thing. Dasduino Connect works very well with other breakout boards in our assortment. We recommend combining it with the OLED I2C 0.96" to display your favorite quotes from the Internet. Both of them have easyC connectivity so they can connect in a matter of seconds. Dasduino Connect has two mounting holes in the middle of it so it can be attached to something and it won't budge.

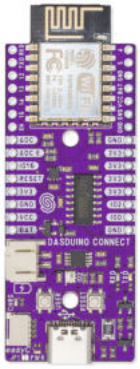
ESP8266 is capable of functioning in a wide temperature range. Thus, Dasduino Connect is capable of working consistently in industrial environments. With that in mind, it's not impact-resistant. It might break if it hits something at a weird angle or high speed. Keep track of the current going through it as well. If too high of a current passes through it, the crucial components can fry and render the board useless.

OTHER IMAGES









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VARIATIONS

Image	SKU	Headers
	333034	No Headers

Image	SKU	Headers
	333164	Male Headers
	333163	Female Headers