

This page is also available in **2 other languages** [Change language](#)

English

LANGUAGE

FUNCTIONS

VARIABLES

STRUCTURE

LIBRARIES

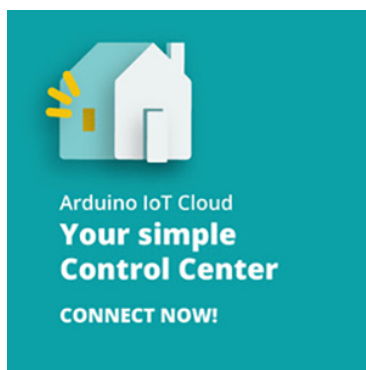
IOT CLOUD API

GLOSSARY

The Arduino Reference text is licensed under a [Creative Commons Attribution-Share Alike 3.0 License](#).

Find anything that can be improved? [Suggest corrections and new documentation via GitHub](#).

Doubts on how to use Github? Learn everything you need to know in [this tutorial](#).



Last Revision: 2019/07/04

Last Build: 2021/10/13

[EDIT THIS PAGE](#)

[Reference](#) > [Language](#) > [Functions](#) > [Communication](#) > [Serial](#) > [Find](#)

Serial.find()

Description

`Serial.find()` reads data from the serial buffer until the target is found. The function returns `true` if target is found, `false` if it times

`Serial.find()` inherits from the [stream](#) utility class.

Syntax

`Serial.find(target)`

`Serial.find(target, length)`

Parameters

`Serial`: serial port object. See the list of available serial ports for each board on the [Serial main page](#).

`target`: the string to search for. Allowed data types: `char`.

`length`: length of the target. Allowed data types: `size_t`.

Returns

Data type: `bool`.

See also

[LANGUAGE stream](#)

[LANGUAGE stream.find\(\)](#)

Help

PROFESSIONAL

EDUCATION

STORE

Search on Arduino.cc

p

HARDWARE

SOFTWARE

CLOUD

DOCUMENTATION

COMMUNITY

BLOG

ABOUT

CONTACT US

Distributors

Careers

Enter your email to sign up

ic

Help