PROFESSIONAL
 EDUCATION
 STORE
 Search on Arduino.cc

p

HARDWARE

SOFTWARE

CLOUD

DOCUMENTATION

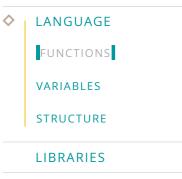
COMMUNITY

BLOG

ABOUT

This page is also available in **2 other languages** Change language

English



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: 2019/02/21

Last Build: 2021/10/13

EDIT THIS PAGE

Reference > Language > Functions > Communication > Serial > Peek

Serial.peek()

Description

Returns the next byte (character) of incoming serial data without removing it from the internal serial buffer. That is, successive calls peek() will return the same character, as will the next call to read()

Serial.peek() inherits from the Stream utility class.

Syntax

Serial.peek()

Parameters

Serial: serial port object. See the list of available serial ports for eaboard on the Serial main page.

Returns

The first byte of incoming serial data available (or -1 if no data is available). Data type: int.

See also

LANGUAGE begin()

LANGUAGE end()

LANGUAGE available()

LANGUAGE read()

LANGUAGE peek()

LANGUAGE flush()

Help

PROFESSIONAL EDUCATION STORE Search on Arduino.cc

FIARDIVARE SOFTWARE CLOUD DOCUMENTATION COMMUNITY BLOG ABOUT

LANGUAGE SerialEvent()

LANGUAGE Stream.peek()

Back to top

Trademark Help CenteNEWSLETTER FOLLOW US

Contact Us
Distributors

Careers

© 2021 Arduino Terms Of Service Privacy Policy Security Cookie Settings

Help