float()

[Conversion]

Description

Converts a value to the [float](https://www.arduino.cc/reference/en/language/variables/data-types/float) data type.

Syntax

float(x)  
(float)x (C-style type conversion)

Parameters

x: a value. Allowed data types: any type.

Returns

Data type: [float](https://www.arduino.cc/reference/en/language/variables/data-types/float).

Notes and Warnings

See the reference for [float](https://www.arduino.cc/reference/en/language/variables/data-types/float) for details about the precision and limitations of floating point numbers on Arduino.