

Inter-Integrated Circuit (I2C)

I²C (Inter-Integrated Circuit), alternatively known as I2C or IIC, is a synchronous, multi-controller/multi-target (historically termed as multi-master/multi-slave), single-ended, serial communication bus invented in 1982 by Philips Semiconductors. It is widely used for attaching lower-speed peripheral integrated circuits (ICs) to processors and microcontrollers in short-distance, intra-board communication.

[Wikipedia](#)

From:

<https://kbase.devtoprd.com/> - **Knowledge Base**

Permanent link:

<https://kbase.devtoprd.com/doku.php?id=glossary:i2c>

Last update: **2025/06/08 07:27**

