Inter-Integrated Circuit (I2C)

I^{2}C (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](#)

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