

4. SPI vs I2C Comparison

Aspect	SPI	I2C
Signal lines	SCK, MOSI, MISO, SS	SDA, SCL
Duplex mode	Full-duplex	Half-duplex-style exchange
Addressing	No built-in addressing	Built-in slave addressing
Typical speed	Generally faster	Generally slower
Wiring complexity	More wires, simple protocol	Fewer wires, richer bus protocol

Revision #1

Created 2026-04-18 15:11:47 UTC by AX

Updated 2026-04-18 15:12:15 UTC by AX