



# SPI至I<sup>2</sup>C总线桥接

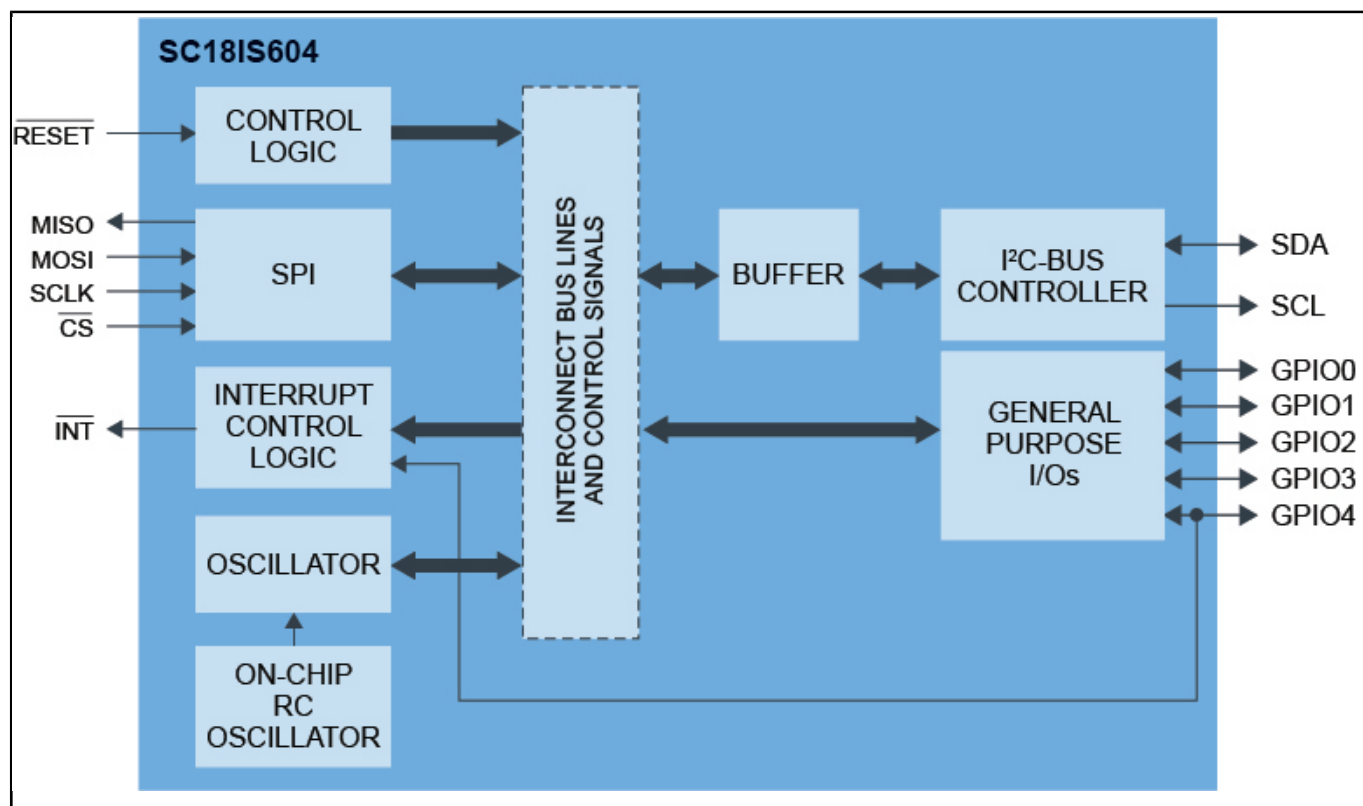
## SC18IS604

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SC18IS604可用作主机(微控制器、微处理器、芯片组等)标准SPI和串行I<sup>2</sup>C总线之间的接口。允许主机与其他I<sup>2</sup>C总线器件直接进行通信。SC18IS604可用作I<sup>2</sup>C总线控制器发送器或控制器接收器。SC18IS604控制所有I<sup>2</sup>C总线特定序列、协议、仲裁和时序。

SC18IS604是SC18IS600的功能替代产品，但在以下方面存在差别：新的引脚布局、发送和接收缓冲区为255字节而非96字节，有3个而不是4个通用IO，不再采用准双向模式，工作电源电压更低，SC18IS604的电源电压为1.71V，SC18IS600的电源电压为2.4V，SC18IS604的温度范围为-40至105° C，SC18IS600的温度范围为-40至85° C。

## SC18IS604 Block Diagram



View additional information for [SPI至I<sup>2</sup>C总线桥接](#).

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