带有复位的8位I2C总线和SMBus I/O端口

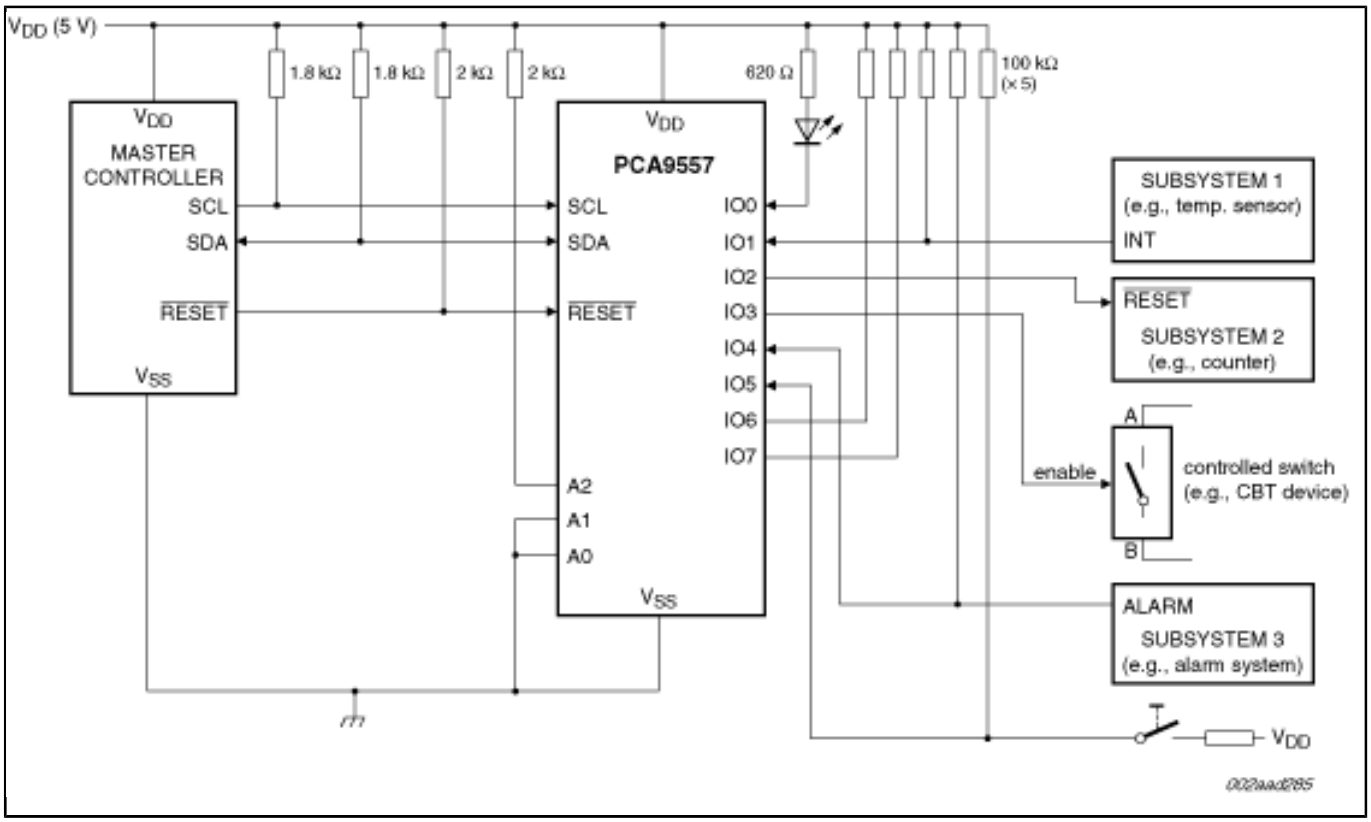
PCA9557

PCA9557是一款硅CMOS电路，为SMBus和I²C总线应用提供并行输入/输出扩展。PCA9557由8位输入端口寄存器、8位输出端口寄存器和I²C总线/SMBus接口组成。具有低电流消耗和高阻抗开漏输出引脚IO0。

通过写入I/O配置寄存器，系统主器件可将PCA9557的I/O用作输入或输出。通过写入高电平有效的极性反转寄存器，系统主器件还可反转PCA9557输入。最后，通过在复位输入中加入低电平，系统主器件可在超时时使PCA9557复位。

上电复位会将寄存器设为其默认状态并初始化I²C总线/SMBus状态机。1引脚可引发相同的复位/初始化而无需使部件断电。

Block diagram: PCA9557BS, PCA9557D, PCA9557PW Block Diagram



View additional information for 带有复位的8位I2C总线和SMBus I/O端口.

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