



# PCA9958: 带**SPI**的**24**位**63mA**电流**LED**驱动器

## PCA9958HN

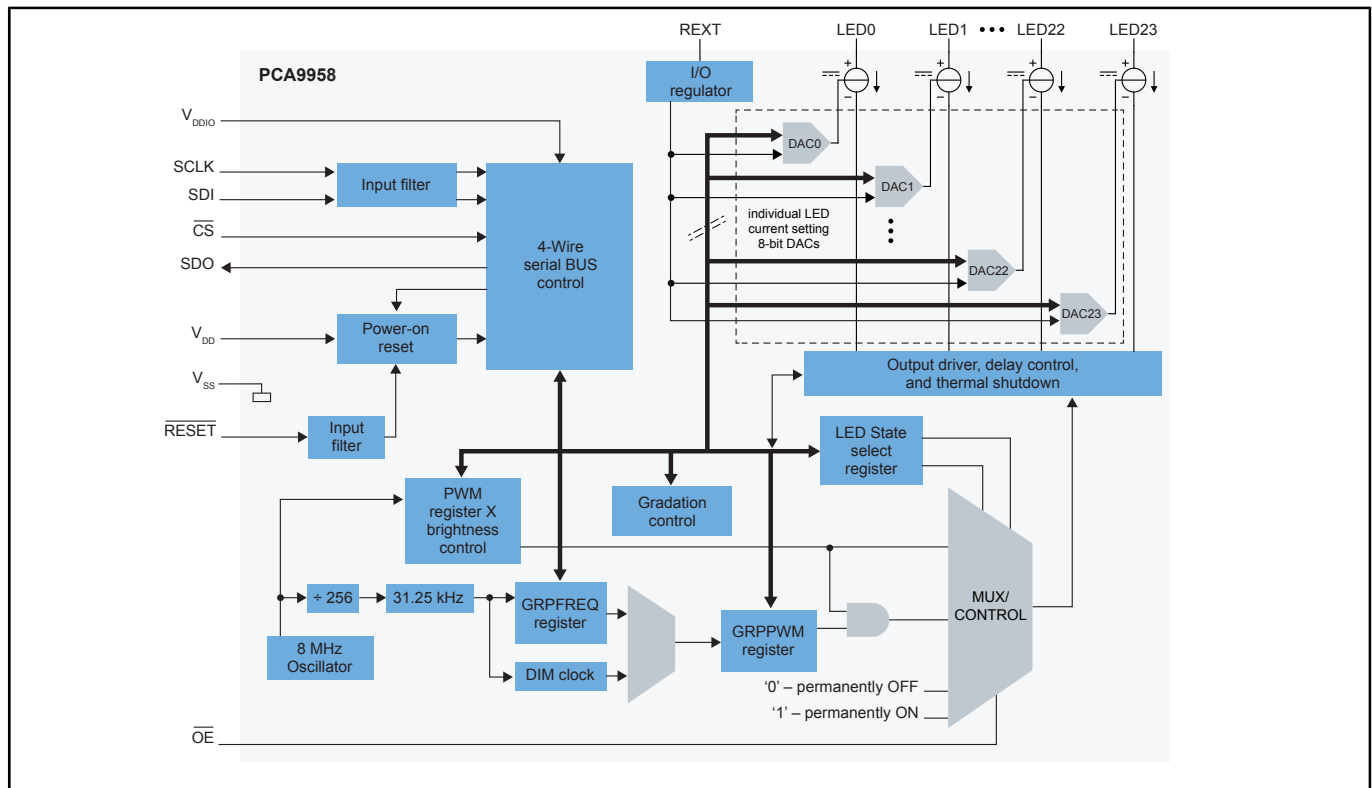
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PCA9958是一款**24**通道**SPI**串行总线**63mA** LED驱动器，电源电压范围为**2.7V**至**5.5V**。该器件针对**RGBA LED**的调光和闪烁进行了优化。

每个**LED**都有自己的**8**位分辨率固定频率，工作频率为**31.25kHz**，可调占空比为**0%–100%**，用于亮度控制。附加**PWM**控制器具有**122Hz**的固定频率和**15Hz**的可调频率，占空比为**0%–99.6%**，用于调光和闪烁控制。

可在**250μA**至**63.75mA**范围内使用**8**位线性**DAC**调节输出峰值电流。PCA9958具有开路 and 短路检测电路以及热关机保护。该器件具有**10MHz**的**4**线**SPI**带宽，可与本地**micro**进行通信。

## PCA9958 Block Diagram



View additional information for [PCA9958: 带SPI的24位63mA电流LED驱动器](#).

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