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**Errata: CS43L41 Rev. C**CS43L41 Low Power 24-Bit, 96 kHz DAC with Volume Control

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All references to the CS43L41 mentioned below shall be taken to refer to revision C of the CS43L41 product. The hardware revision code can be found in the 10 character field printed below the part number on each chip. The letter which appears as the fifth character from the right is the revision code (e.g. ZNACSC9926 is a Revision C part).

Pin 6 (SCL/CCLK) of the CS43L41 does not have sufficient hysteresis to meet the data sheet rise time specifications. The I<sup>2</sup>C rise time  $t_r$  and the SPI rise time  $t_{r2}$  must be less than 30 ns for proper operation. This prevents the use of standard I<sup>2</sup>C configurations with a resistor pull-up. This problem can be worked around by placing a Schmitt Trigger buffer, for example a 74HC14, on the SCL line just prior to the CS43L41. This will not affect the operation of the I<sup>2</sup>C bus as pin 6 is an input only.

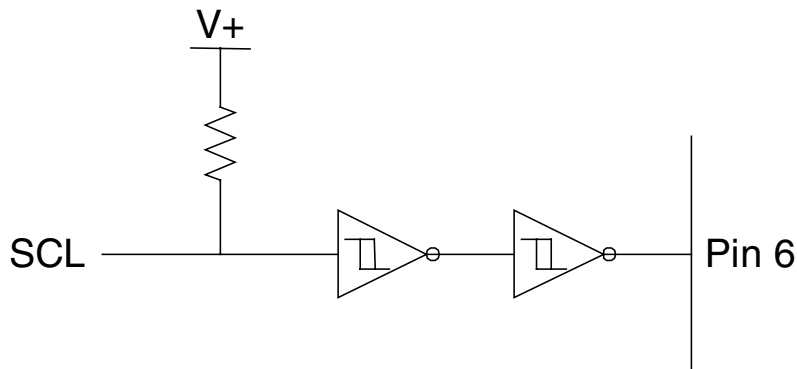


Figure 1. I<sup>2</sup>C SCL Buffer Example

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If there are any questions concerning this information,  
please contact Applications Engineering at 512-445-7222.

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