Serial Port to ADC Interface

This section provides the following two examples of a serial port to ADC interface:

- ADSP-218x DSP SPORT to AD7475/95 ADC interface

- ADSP-218x DSP SPORT to AD7888 ADC interface

ADSP-218x DSP to AD7475/95 ADC Interface

The ADSP-218x DSP SPORT can be interfaced to the AD7475/95 ADC, as shown in Figure 10-21. Note that the RFS pin is configured as an output on the DSP and is used to initiate conversion in the ADC. It is also used to determine the sample rate.
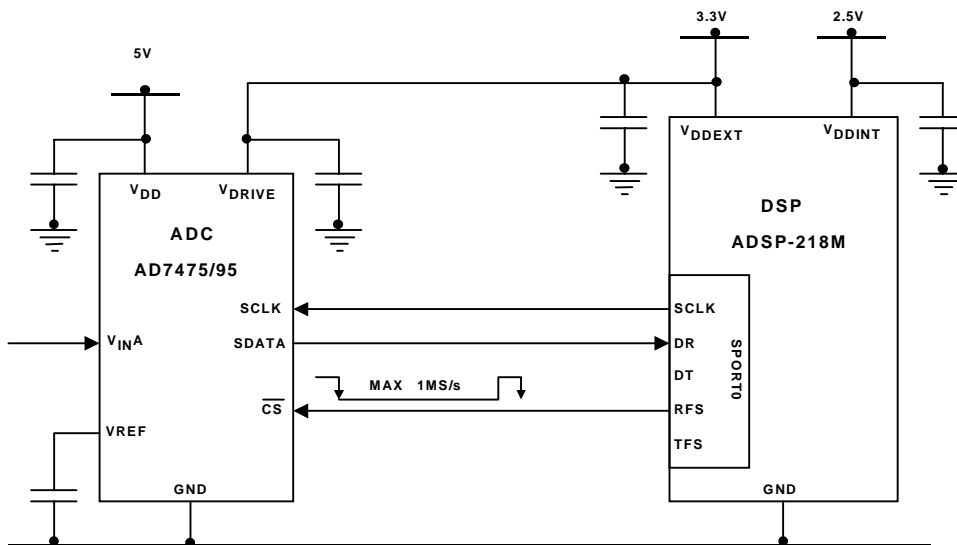

Figure 10-21. ADSP-218x DSP to AD7475/95 ADC Serial Interface