Using the PCM 3003 Codec Instead of the AD535

Basics

In Chapter 4 of the notes the PCM 3003 daughter card is discussed, and we will go over the details later. For now however, if you want to start using the PCM 3003 daughter card you need to understand the basics of the jumper settings. In particular to allow programming of the sampling rate to say 8000 Hz, you need to make sure daughter card jumper JP5 is properly positioned so that the C6711 timer signal sets the sampling rate.

The new ZIP package entitled sine8_buf_pcm.zip has the required files for using the daughter card codec. This single project will work for text Examples 1.1 and 1.2. Note that the PCM 3003 is a stereo codec, so make sure you are observing the active left channel for output.