Freescale MQX RTOS Example Guide

Sai_dma_diplex example

This document explains the SAI duplex example, what to expect from the example and a brief introduction to the API used.

The example

The Sai_dma_duplex shows the duplex feature of SAI. It would record audio data and playback the data at the same time.

Example platform: SAI + SGTL5000

Operation of the demo:
1. Use Line-in line to connect line-in port of sgtl5000 and audio source (PC, MP3 or mobile phone).
2. Insert headphone in headphone port of sgtl5000.
3. Power up the board and download the demo.
4. Just start the demo, you can hear sound from the headphone. The demo would playback the audio data you are recording.

Notice: In Auto evb, there is no codec for sai (sgtl5000),please use esai demo.