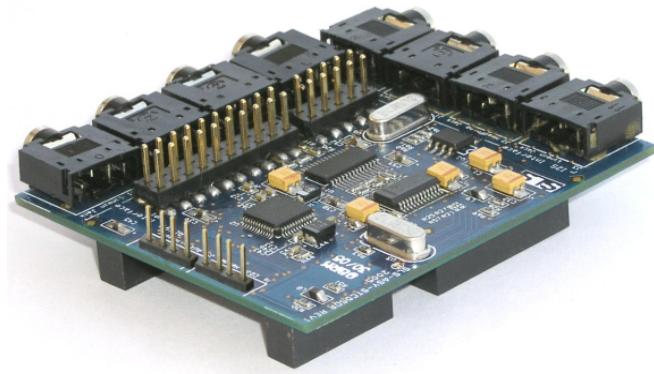


Snap On Board Audio Codec

The SLS Audio Codec Snap On board provides a digital audio interface to the development boards having standard SantaCruz expansion headers. It includes multiple stereo line input and output with in-built head phone amplifier. It supports 8 DAC channels and 6 ADC channels. It's main application area includes audio and voice processing, speech recognition including microphone array beam forming and vibration analysis.



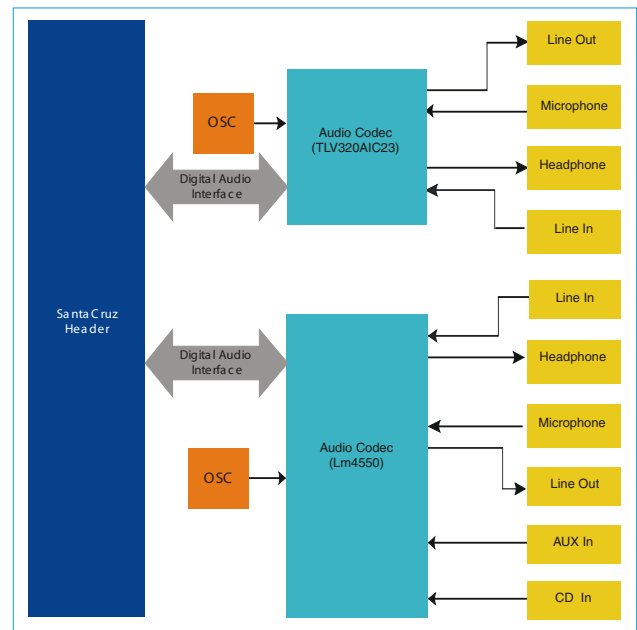
Deliverables

- I2S Snap On Board
- Audio Cable
- Installation CD
 - I2S IP Core (OpenCore Plus Evaluation version)
 - AC'97 IP Core (OpenCore Plus Evaluation version)
 - Audio Codec snap on board reference manual

Board Features

- High performance stereo codecs (TLV320AIC23 and LM4550)
- TLV320AIC23 supports I2S or McBSP protocol for input and output data
- LM4550 is AC'97 compliant for input and output data
- 24.25 MHz on-board oscillator
- 26 General purpose user I/Os
- Four input jacks, two MIC jacks and two Line In jacks
- Four output jacks, two headphones and two Line Out
- Two headers (4 x1) for AUX_In & CD_In
- SantaCruz headers (Female)
- Variable sampling rate: 8 KHz to 96 KHz

Block Diagram



For more information on Audio Codec Snap On board, visit <http://www.slscorp.com/pages/i2ssls.php>

The board works seamlessly with SLS I2S IP core. Download the evaluation version of the IP Core from: <http://www.slscorp.com/pages/ipi2ssls.php>.

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