

Utilizing the HD Audio of Atom Board

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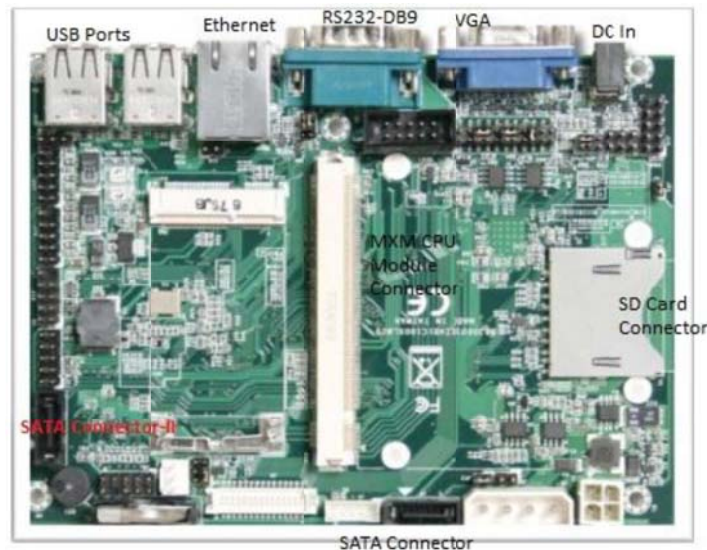
Objective- To expose students to the HD AUDIO access points on the ATOM board.

Motivating Concepts-

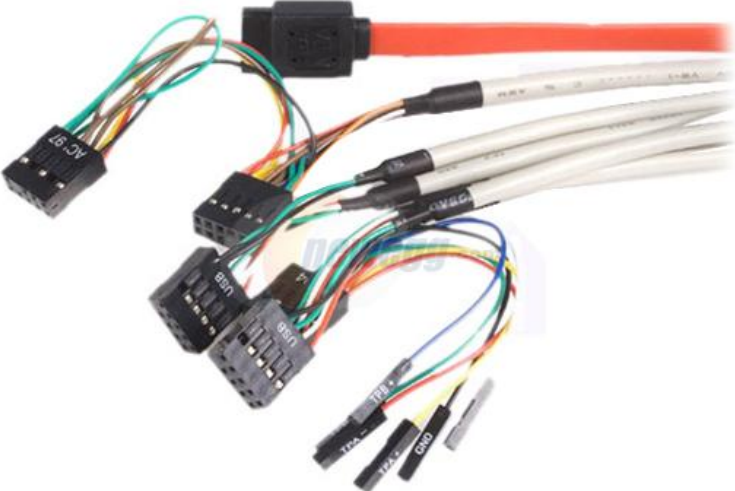
- The Inforce board has HD AUDIO input and output capabilities but they cannot be accessed right out of the box without additional actions.

Hardware-

Inforce ATOM Board



HD AUDIO Header (Example Below)

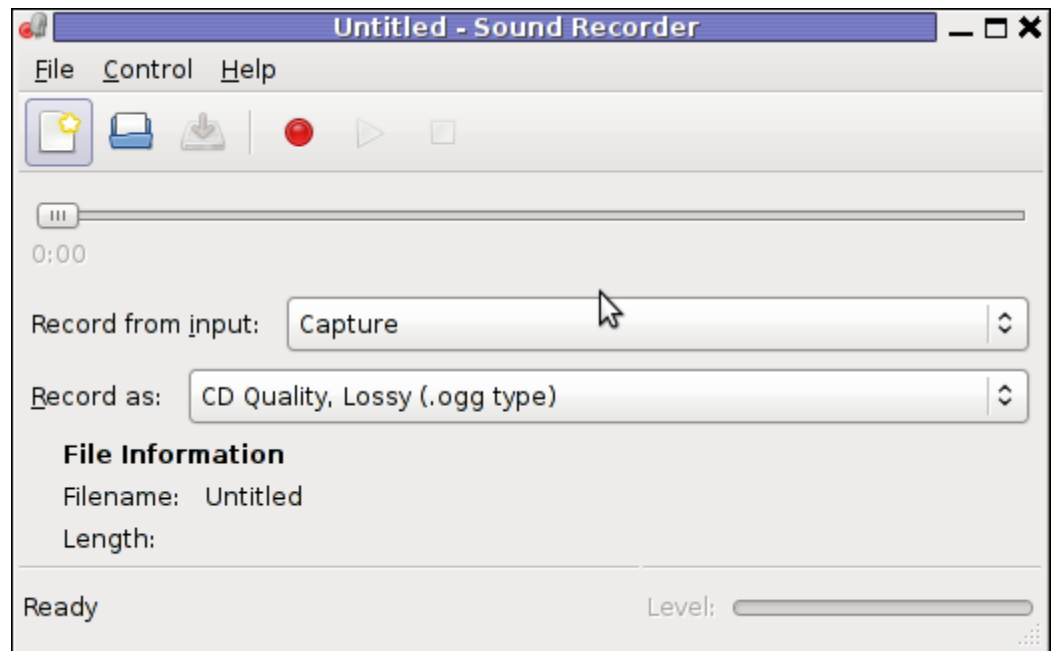


Speaker & Mic (Or Headset Combo)



Procedure-

1. Plug the header identified as HD AUDIO into J8
2. Connect your Mic and Speakers (or Headset Combo)
3. Boot the Inforce Board
4. Launch Sound Recorder application found under:
 - a. Applications -> Sound and Video -> Sound Recorder



5. Record some Sample audio
6. Play back the recorded sample

Conclusion-

This lab showed students how to directly connect and use the HD AUDIO that comes with the Inforce board.

NOTE: This lab was designed to quickly show students how to interface with the HD AUDIO that comes with the Inforce board. The next steps for the students are to figure out how to interface the HD AUDIO with their design applications.