

# PIC32 Audio Codec Daughter Board – AK4642EN Information Sheet

Thank you for purchasing a PIC32 Audio Codec Daughter Board – AK4642EN. This information sheet provides important information that will help you successfully use the daughter board as quickly as possible.

This daughter board is designed specifically to be used with the PIC32 Bluetooth® Audio Development Kit (DV320032); however, it can also be used with other Microchip development hardware.

For more information about this daughter board, please visit: <http://www.microchip.com>.

## Features

The PIC32 Audio Codec Daughter Board – AK4642EN is a high-performance stereo codec board for selected PIC32 hardware development platforms. This board features the AKM AK4642EN stereo codec, which includes built-in microphone and headphone amplifiers. This board is suitable for adding audio input and output capabilities to the PIC32 Bluetooth Starter Kit, and as previously mentioned, it is compatible with the PIC32 Bluetooth Audio Development Kit.

The PIC32 Audio Codec Daughter Board – AK4642EN features include:

- AK4642EN Codec
- MCP1801 Power Regulator
- On-board MEMs Microphone
- 3.5 mm Inputs and Outputs:
  - Line in
  - External Mic in
  - Line out
  - Headphone out

## Additional Information

For more information on drivers and examples, please visit:

- [www.microchip.com/pic32btsuites](http://www.microchip.com/pic32btsuites)
- [www.microchip.com/harmony](http://www.microchip.com/harmony)

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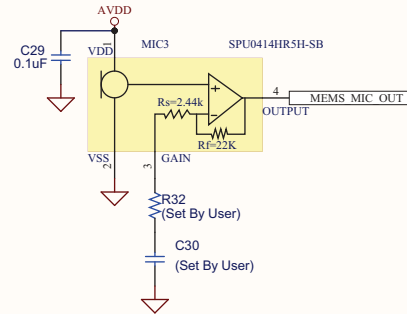
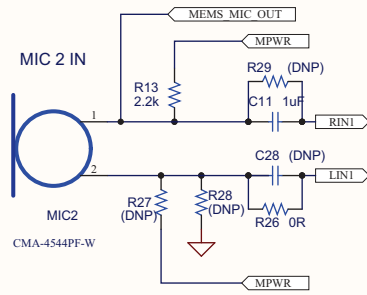
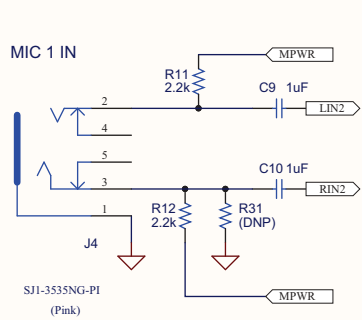
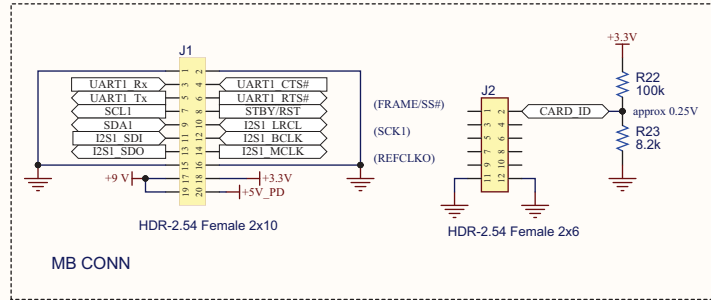
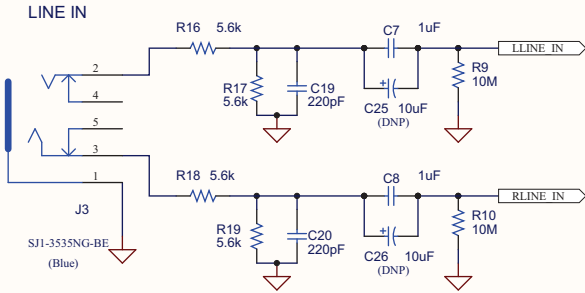
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J8 Jumper Positions	
MIC 1 IN Selected	LINE IN Selected
pins 1,3: Shorted	pins 3,5: Shorted
pins 2,4: Shorted	pins 4,6: Shorted
pins 5,6: N/C	pins 1,2: N/C

