

# BeagleBone Audio

From Circuitco Wiki Support

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## Descriptions

The BeagleBone Audio Cape provides a low-power audio output as well as an integrated microphone for BeagleBone. Two standard 3.5mm audio jacks are used for audio input and output. This cape also features a TLV320AIC3106, which is an audio codec with stereo headphone amplifier that can enable 48 kHz DAC playback.



## Specifications

### Electrical Specifications

Power	3.3V via expansion header
	5V via expansion header
Indicators	Two user LEDs

Connectors	Two 46-position headers
	One 10-position header

## Mechanical Specifications

Size	2.15" x 3.40"
Layers	4
PCB Thickness	.062"
RoHS Compliant	Yes

## EEPROM

EEPROM Suport	Yes
Board Name	BeagleBone Audio Cape
Version	00A0
Manufacturer	BeagleBoardToys
Part Number	BB-BONE-AUDI-01
Pins Used	18



## Documentations

Open Source	Yes
System Reference Manual	Yes
Schematics	PDF, OrCAD
PCB Files	Allegro
Gerber Files	Yes

Bills of Materials	Yes
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## Vendors

Vendor list is coming soon.

## Manufacturer's Link

Manufacturer's link for this Cape is coming soon.

To go back to the cape list, please click here ([http://circuitco.com/support/index.php?title=BeagleBone\\_Capes](http://circuitco.com/support/index.php?title=BeagleBone_Capes))

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