# **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**

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

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Connectors	Two 46-position headers
	One 10-position header

### **Mechanical Specifications**

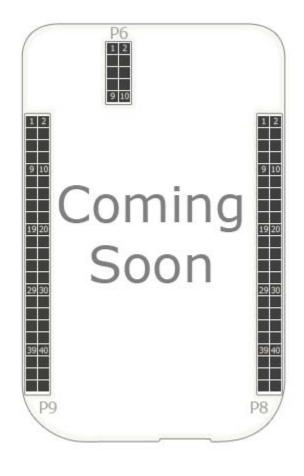
Size	2.15" x 3.40"
Layers	4
PCB Thickness	.062"
RoHS Compliant	Yes

# **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



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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)

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