BeagleBone Audio

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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

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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