

# BeagleBone DVI-D with Audio

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## Descriptions

The BeagleBone DVI-D with Audio Cape provides both DVI-D and Audio interfaces for BeagleBone boards. This board features a standard HDMI connector, which can be connected to a DVI-D monitor using a HDMI-to-DVI-D cable, and two standard 3.5mm audio jacks for audio input and output. The video output of the BeagleBone DVI-D Cape is limited to 16-bit so more pins at the expansion headers of BeagleBone can be available for other capes. The output resolution is hardcoded to 1024x768.



## 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 Support	Yes
Board Name	BeagleBone DVI-D with Audio Cape
Version	00A2
Manufacturer	BeagleBoardToys
Part Number	BB-BONE-DVID-02
Pins Used	43

## Documentations

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



## 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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- This page was last modified on 7 August 2012, at 02:53.
- This page has been accessed 239 times.
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