

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

Vendors

- BoardZoo (USA) (<http://boardzoo.com/>)
- Digikey (USA) (<http://www.digikey.com/>)
- Farnell (UK) (<http://www.farnell.com/>)
- Mouser Electronics (USA) (<http://www.mouser.com/>)
- Tigel (Austria) (<http://www.tigal.com/>)



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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