

BeagleBone DVID

From BEAGLE BOARD TOYS WIKI

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Descriptions

The DVI-D cape provides a DVI-D interface 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. When purchasing the BeagleBone DVI-D cape, customers have an option of adding the audio features to the cape. The BeagleBone DVI-D cape with audio features will include Audio In and Audio Out ports.

The cape shown in the image to the right is a BeagleBone DVI-D Cape without audio features.



BeagleBone DVI-D Cape

Specifications

Followings are some specifications of the BeagleBone DVI-D Cape:

Components

Mechanical Specifications

- Size: 2.15" x 3.40"
- Layers: 4
- PCB thickness: .062"
- RoHS Compliant: Yes

Pin Usage

Without Audio

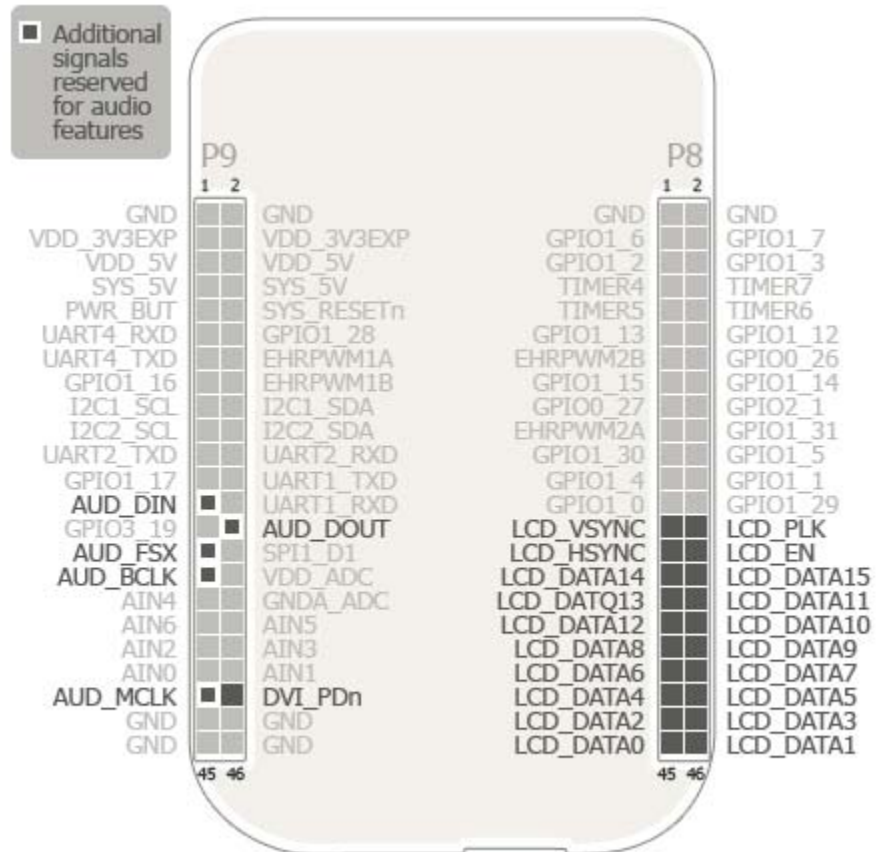
The BeagleBone DVI-D Cape without audio reserves 21 signals including:

- LCD_DATA[0..15]
- LCD_VSYNC
- LCD_HSYNC
- LCD_PCLK
- LCD_EN
- DVI_PDn.

With Audio

The BeagleBone DVI-D Cape with audio reserves 26 signals including:

- LCD_DATA[0..15]
- LCD_VSYNC
- LCD_HSYNC
- LCD_PCLK
- LCD_EN
- DVI_PDn
- AUD_DIN
- AUD_FSX
- AUD_BCLK
- AUD_DOUT
- AUD_MCLK



Product Images



BeagleBone DVI-D
Cape



DVI-D Port (HDMI)



BeagleBone DVI-D
Stacked

Documentations

Links to documentations of the BeagleBone DVI-D Cape will be posted soon. Please check back later.

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