

BeagleBone Weather

From Circuitco Wiki Support

Contents

- 1 Descriptions
- 2 Specifications
 - 2.1 Electrical Specifications
 - 2.2 Mechanical Specifications
- 3 EEPROM
- 4 Documentations
- 5 Vendors
- 6 Manufacturer's Link

Descriptions

The BeagleBone Weather Cape provides weather data for BeagleBone including temperature, barometric pressure, humidity, and ambient light. These weather input data can be accessed via I2C bus. The BeagleBone Weather Cape also features an LED indicator for power input.



Specifications

Electrical Specifications

Power	3.3V via expansion header
-------	---------------------------

Indicators	Power LED
Connectors	Two 46-position headers
	One 10-position header

Mechanical Specifications

Size	2.15" x 3.40"
Layers	2
PCB Thickness	.062"
RoHS Compliant	Yes

EEPROM

EEPROM Suport	Yes
Board Name	BeagleBone Weather Cape
Version	00A0
Manufacturer	BeagleBoardToys
Part Number	BB-BONE-WTHR-01
Pins Used	TBD



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)

Retrieved from "http://circuitco.com/support/index.php?title=BeagleBone_Weather"

- This page was last modified on 3 July 2012, at 21:11.
- This page has been accessed 120 times.
- Content is available under GNU Free Documentation License 1.3 or later.