BeagleBone Weather

From Circuitco Wiki Support

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Descriptions

The BeagleBone Weather Cape provides weather data for the 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 to indicate that power is applied.

Specifications

Electrical Specifications

Sensor Data	Temperature
	Barometric pressure
	Relative humidity
	Ambient light
Data Interface	Two-wire
Power	3.3V via expansion header
Indicators	Power LED
Connectors	Two 46-position headers
	One 10-position header

Mechanical Specifications

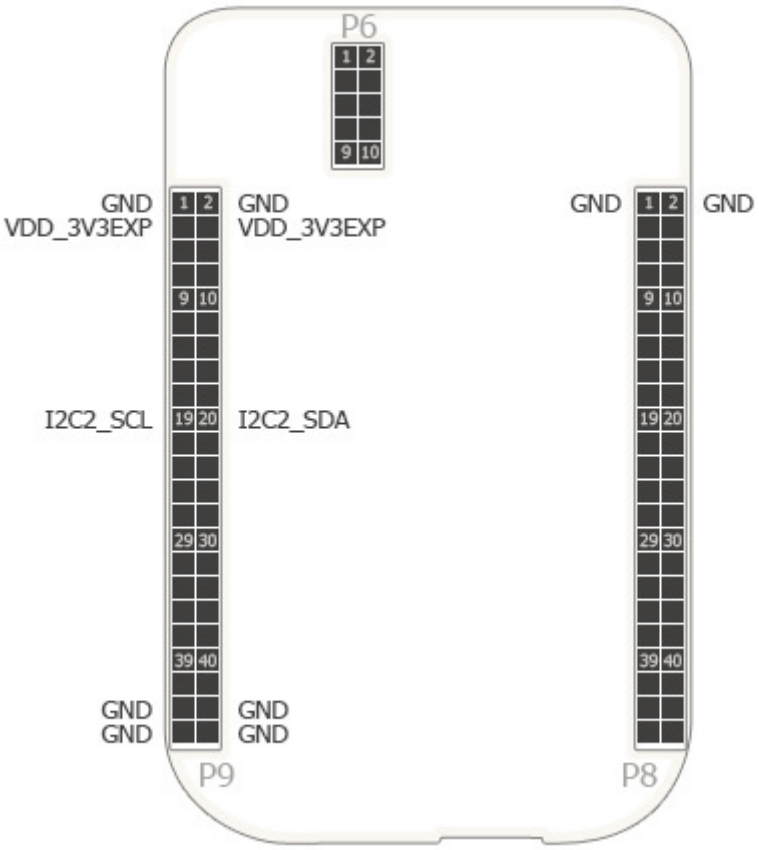
Size	2.15" x 3.40"
Layers	2
PCB Thickness	.062"
RoHS Compliant	Yes

EEPROM

EEPROM Suport	Yes
Board Name	BeagleBone Weather Cape
Version	00A0
Manufacturer	BeagleBoardToys
Part Number	BB-BONE-WTHR-01
Pins Used	12

Documentations

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



Manufacturer's Link

For more information about this cape, please visit BeagleBoardToys.com (http://beagleboardtoys.com/wiki/index.php?title=BeagleBone_Weather)

To go back to the cape list, please click here (http://circuitco.com/support/index.php?title=BeagleBone_Capes)