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Beagleboard:BeagleBone Battery

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Descriptions

The BeagleBone Battery Cape provides a portable power solution for BeagleBone boards and its capes. This cape provides 5V power supply to the BeagleBone using 4 Lithium AA battery cells. Power will be provided to BeagleBone's VDD_5V power rail as soon as battery cells are installed. The BeagleBone Battery Cape is also equipped with a power switch, a power indicator LED, and an EEPROM for muxing configuration.



Specifications

Electrical Specifications

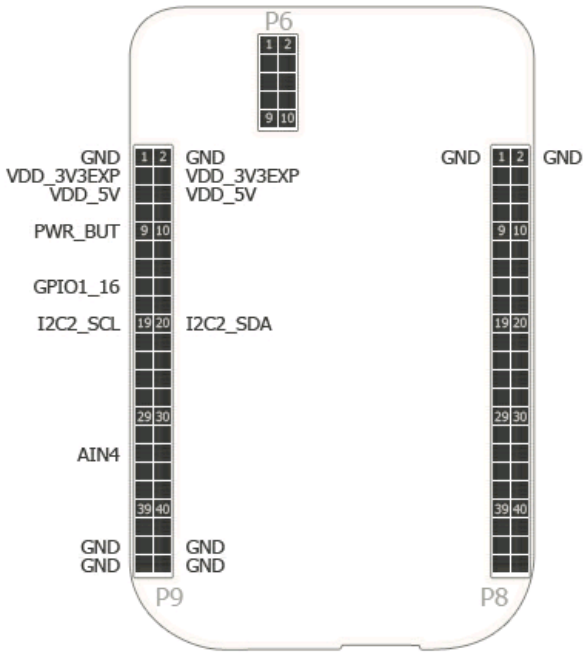
Power	3.0V via battery cells
Indicators	One Power LED
Connectors	Two 46-position connectors
	One 10-position connector

Mechanical Specifications

Size	3.55" x 3.40"
Layers	2
PCB Thickness	.062"
RoHS Compliant	Yes

EEPROM

EEPROM Suport	Yes
Board Name	BeagleBone Battery Cape
Version	00A0
Manufacturer	BeagleBoardToys
Part Number	BB-BONE-BATT-01
Pins Used	17



Documentations

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

Bills of Materials	Yes
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Vendors

Distributors list will be updated soon.

Manufacturer's Link

For more information about this cape, please visit [BeagleBoardToys.info](#) 

To go back to the cape list, please click [BeagleBone Capes](#)

