

BeagleBone Battery



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

