

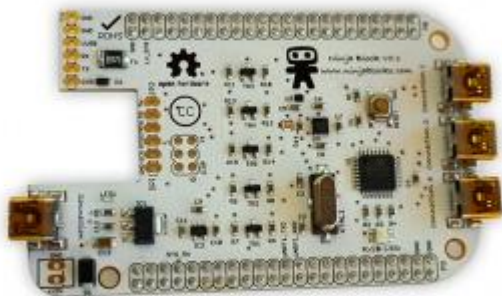
CircuitCo/BeagleBone Ninja

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Descriptions



The BeagleBone Ninja Cape features an Atmega328 microcontroller that interfaces with BeagleBone via UART1. This cape is featured in the latest Ninja Blocks, which is a cloud enabled computers that receives input from different sensors. Sensors are connected to the cape via 4 mini-USB ports.

Specifications

Electrical Specifications

Power	3.3V via expansion connector
	5V via expansion connector
Connectors	Two 46-position connectors
	4 mini-USB connectors

Mechanical Specifications

Size	2.15" x 3.40"
Layers	4
PCB Thickness	.062"
RoHS Compliant	Yes

EEPROM

EEPROM Support		Yes
Board Name	BeagleBone Ninja	
Version	1.2	
Manufacturer	BeagleBoardToys	
Part Number	BB-BONE-NINJA-01	
Pins Used	TBD	

Documentations

Open Source	Yes
System Reference Manual	TBD
Schematics	EAGLE, PDF
PCB Files	EAGLE
Gerber Files	Yes
Bills of Materials	Yes