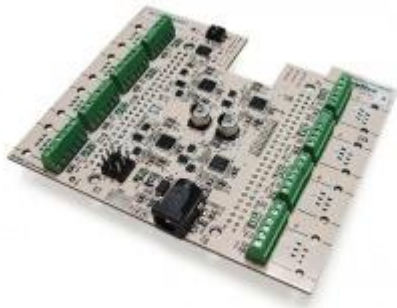


BeagleBoardToys/BeagleBone Motor w/ Screw Blocks

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Descriptions



The BeagleBone Motor Cape with Screw Blocks gives BeagleBone boards the ability to drive different types of motors. This cape features TI motor driver DRV8833 that can drive up to eight DC brush motors at 500mA per motor. This Motor Cape is populated with screw terminal blocks for easy motor connections.

Revision Changes

Revision A1

Initial release of the BeagleBone Motor Cape with Screw Blocks

Specifications

Electrical Specifications

Power	3.3V via expansion connector 5V via expansion connector
Number of Motors	Up to 8 DC brush motors
Driver current	500mA per motor
Connectors	Two 46-position stackable connectors 8 screw terminal blocks
LEDs	Power LED 4 Error LEDs

Mechanical Specifications

Size	3.85" x 3.40"
Layers	4
PCB Thickness	.062"
RoHS Compliant	Yes

EEPROM

EEPROM Support Yes

Board Name	BeagleBone Motor Cape with Screw Blocks
Version	00A1
Manufacturer	BeagleBoardToys
Part Number	BB-BONE-MOTOR-02
Pins Used	TBD