BeagleBone CANBus

From Circuitco Wiki Support

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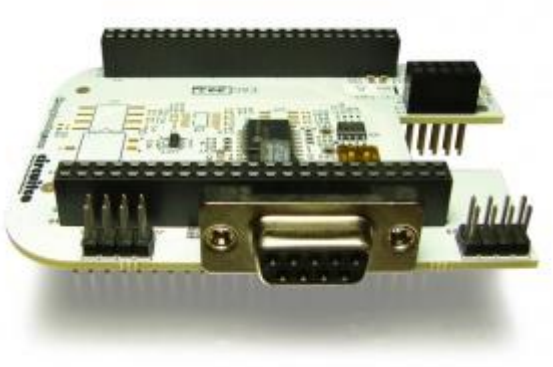
Descriptions



The BeagleBone CANBus Cape makes use of DCAN1 interface of the AM335x processor. The CAN Bus interface can be accessed via a standard D-Sub 9 female serial connector. This connector is located to the side so it doesn't interfere with any capes stacked above it. The BeagleBone CANBus Cape will support SocketCAN.

Specifications

Electrical Specifications

Power	3.3V via expansion header
Indicators	Power LED
Connectors	Two 46-position connectors
	One 10-position connector

Mechanical Specifications

Size	3.40" x 2.45"
Layers	4
PCB Thickness	.062"
RoHS Compliant	Yes

EEPROM

EEPROM Suport	Yes
Board Name	BeagleBone CANBus Cape
Version	00A0
Manufacturer	BeagleBoardToys
Part Number	BB-BONE-SERL-01
Pins Used	TBD

Documentations

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

Vendors

Estimated production date: End of August.

Manufacturer's Link

For more information about this cape, please visit BeagleBoardToys.com

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