

# BeagleBone CANBus

From BEAGLE BOARD TOYS WIKI

## Contents

- 1 Descriptions
- 2 Specifications
  - 2.1 Electrical Specifications
  - 2.2 Mechanical Specifications
- 3 Signal Usage
- 4 EEPROM
- 5 Distributors
- 6 Product Images
- 7 Documentations
  - 7.1 BeagleBone CANBus Revision A

## 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           |

## Signal Usage

Pin Usage is coming soon.

## EEPROM

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

## Distributors

Distributor list will be posted soon.

## Product Images



BeagleBone CANBus

Note: These photos are from the alpha build. Production build photos will be updated soon.

## Documentations

### BeagleBone CANBus Revision A

Documentations coming soon.

Retrieved from "[http://beagleboardtoys.com/wiki/index.php?title=BeagleBone\\_CANBus](http://beagleboardtoys.com/wiki/index.php?title=BeagleBone_CANBus)"

---

- This page was last modified on 16 May 2012, at 00:01.
- This page has been accessed 55 times.
- Content is available under GNU Free Documentation License 1.3 or later.