



Navigation

- Main page

Community portal

Current events

Recent changes

Random page

Help

Toolbox

- What links here

Related changes

Special pages

Printable version

Permanent link

Page

Discussion

Read

View source

View history

Go

Search

BeagleBone LCD3

Contents [hide]

- 1

Descriptions
- 2

Specifications

2.1

Electrical Specifications

2.2

Mechanical Specifications
- 3

EEPROM
- 4

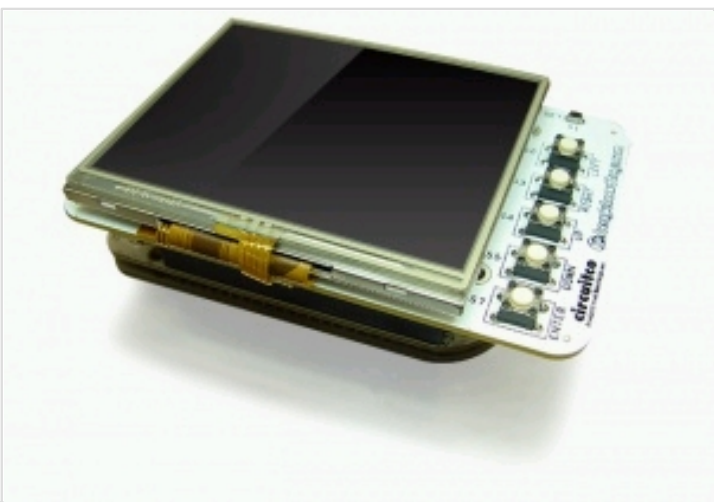
Documentations
- 5

Vendors
- 6

Manufacturer's Link

Descriptions

The BeagleBone LCD3 Cape provides a portable LCD solution with touchscreen capability for BeagleBone boards. The 3.5" TFT LCD screen, attached to the topside of the board, can display up to a resolution of 320x240 and is a 4-wire resistive touchscreen. The board is equipped with seven switches located at finger-friendly positions. These switches include power, reset, and five user switches, which are mapped to different GPIO signals. The backside of the cape is where a BeagleBone can be mounted.



Specifications

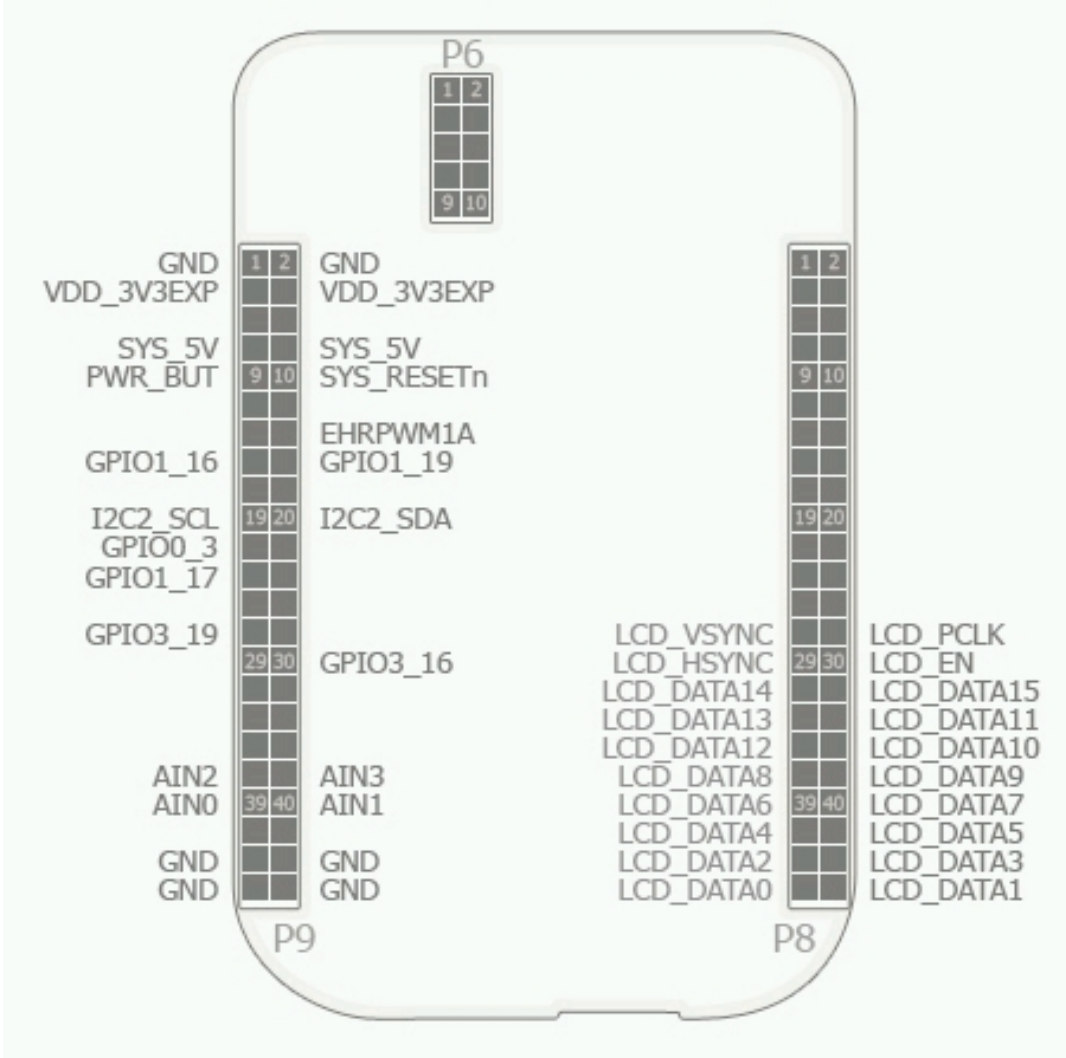
Electrical Specifications

Power	3.3V via BeagleBone header
	5V via BeagleBone header
Display Model	Elpa S035Q01
Display Type	3.5" TFT LCD
Resolution	320x240
Touchscreen	4-wire
Indicators	Power LED
	User LED
Switches	One power switch
	One reset switch
	Five user Switches
Connectors	One 46-position male headers
	One 20-position male header
	One 6-position male connector (removed since rev. A2)

Mechanical Specifications

Size	4.00" x 2.50"
Layers	4
PCB Thickness	.062"
RoHS Compliant	Yes

EEPROM



EEPROM Suport	Yes
Board Name	BeagleBone LCD3 Cape
Version	00A2
Manufacturer	BeagleBoardToys
Part Number	BB-BONE-LCD3-01
Pins Used	45

Documentations

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

Vendors

- Boardzoo (USA)



•

Arrow Electronics (US)



•

Digi-Key (USA)



•

Mouser Electronics (USA)



•

Special Computing (USA)



•

Tigal (Austria)



Manufacturer's Link

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

To go back to the cape list, please click [here](#) 

This page was last modified on 30 January 2013, at 22:48.

This page has been accessed 14,811 times.

Content is available under [GNU Free Documentation License 1.3 or later](#).

[Privacy policy](#) [About Circuitco Wiki Support](#) [Disclaimers](#)

