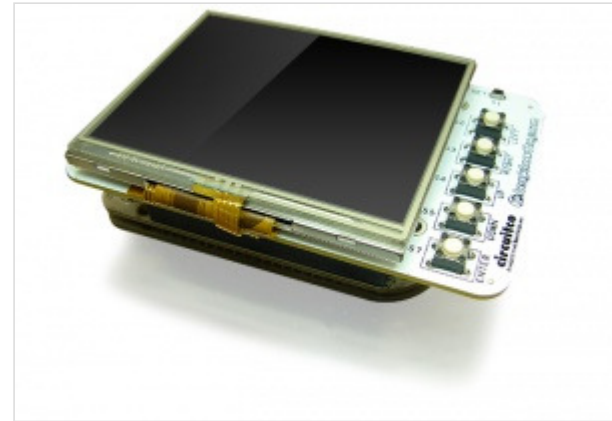# BeagleBone LCD3

From Circuitco Wiki Support

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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

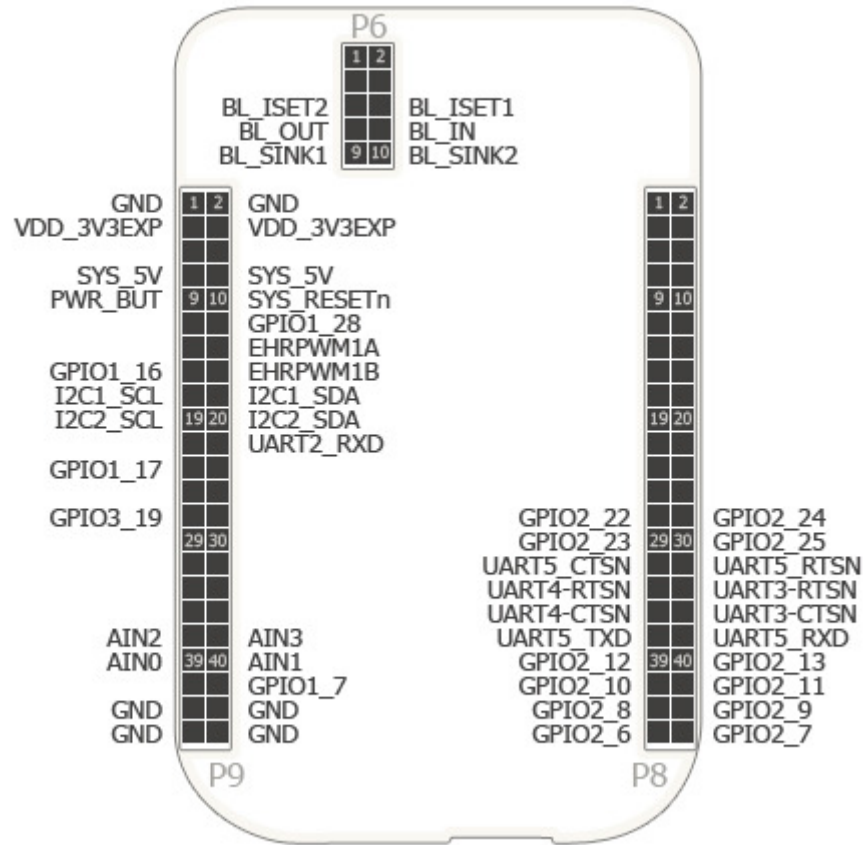| Power	3.3V via expansion header
	5V via expansion header
Display	3.5" TFT LCD
Resolution	320x240
Touchscreen	4-wire
Indicators	One Power LED
	Two User LEDs
Buttons	One power button
	One reset button
	Five user buttons
Connectors	One 46-position male headers
	One 20-position male header
	One 6-position male connector

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	00A0
Manufacturer	BeagleBoardToys
Part Number	BB-BONE-LCD3-01
Pins Used	54

Documentations

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

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Manufacturer's Link

For more information about this cape, please visit BeagleBoardToys.com (http://beagleboardtoys.com/wiki/index.php?title=BeagleBone_LCD3)

To go back to the cape list, please click here (http://circuitco.com/support/index.php?title=BeagleBone_Capes)

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