BeagleBone LCD4

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Contents

Descriptions

The BeagleBone LCD4 Cape provides a portable LCD solution with touchscreen capability for BeagleBone boards. The 4.3" TFT LCD screen, attached to the topside of the board, can display up to a resolution of 480x272 and is a 4-wire resistive touchscreen. The board is equipped with seven buttons located at finger-friendly positions. These buttons include power, reset, and five user buttons, 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	4.3" TFT LCD
Resolution	480x272
Touchscreen	4-wire
Indicators	TBD
Buttons	Five user buttons
Connectors	TBD

Mechanical Specifications

Size	TBD
Layers	TBD
PCB Thickness	TBD
RoHS Compliant	Yes

EEPROM

EEPROM Suport	Yes
Board Name	BeagleBone LCD4 Cape
Version	00A0
Manufacturer	BeagleBoardToys
Part Number	BB-BONE-LCD4-01
Pins Used	TBD

Documentations

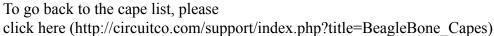| Open Source	Yes
System Reference Manual	Yes
Schematics	PDF, OrCAD

PCB Files	Allegro
Gerber Files	Yes
Bills of Materials	Yes

Vendors

Estimated production date:
08/01/2012

Manufacturer's Link

Manufacturer's link is coming soon.

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