README file for BB-CAPE-DISP-CT43

(Firmware image support for use with Beaglebone Black)

Beaglebone Black firmware compatibility

Use of this LCD display product is initially intended for use with the Beaglebone Black host board. Support for use with other compatible Beagleboard variants will be provided at a later time.

The firmware image provided by element14 at the link below will fully support the BB-CAPE-DISP-CT43 display product. Please find the link to the firmware image under the '**Downloads**' tab at http://www.element14.com/bbcape43

Note, at the time of issue of this README note, the official firmware images provided by beagleboard.org do NOT fully support this display. Manual updates may be required to enable all aspects of the display when using a beagleboard.org provided firmware image.

It is the intention that the directive of this README file is *temporary*.   The intention is to provision and release an official beagleboard.org supported firmware image that will be posted to beagleboard.org's firmware images page. The image must fully support the BB-CAPE-DISP-CT43 display product.   At this future time, the interim firmware image referenced in this document (above) and the contents of this README file will be obsolete.

Beaglebone Black firmware imaging instructions

Firmware imaging instructions are provided by beagleboard.org at the following link:

https://beagleboard.org/getting-started#update

- Scroll down to the section that begins, "Update board with latest software"

- Use the image file provided at www.element14.com/bbcape43
  (In the 'Downloads' section.)

- Finish by completing steps #1 thru #8.

(OPTIONAL) Flashing the on-board eMMC

If you desire to write the image to the Beaglebone Black's on-board eMMC, you'll need to follow the instructions at http://elinux.org/BeagleBoneBlack_Debian#Flashing_eMMC . When the flashing is complete, all 4 USRx LEDs will be steady on or off. The latest Debian flasher images automatically power down the board upon completion. *This can take up to 45 minutes.* Power-down your board once complete, remove the SD card and apply power again to be complete.

PN: **BB-CAPE-DISP-CT43**

element14

The element14 4.3" LCD Display Cape is manufactured in
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