

MiniDisplay Cape

Part Number: 999-0004100

Descriptions



The MiniDisplay Cape provides a 128x128 color graphics LCD. The LCD is driven via a 3 wire, 9 bit SPI interface.

Software Support & Compatibility

SPIDEV Driver

The generic BB-SPIDEV0-00A0 device tree entry shipped with the stock Debian image for the BeagleBone Black can be used to interface directly with the LCD from userspace. To load the device tree:

```
# echo BB-SPIDEV0 > /sys/devices/bone_capemgr.*/*slots
```

Example Code for MiniDisplay Cape

```
# tar zmxvf Minidisplay-example.tar.gz
# cd minidisplay-example
# make
# ./minidisplay-test
```

Specifications

Followings are some specifications of the MiniDisplay Cape:

Mechanical Specifications

Size	2.15" x 2.825"
Layers	2
PCB Thickness	.062"
RoHS Compliant	Yes

Display Specifications

- Resolution 128 x 128
- Controller Sitronix ST7735