4DCAPE-70T

Datasheet

Revision 1.4

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1. Description

The 4D 7.0" LCD CAPE is a cape specifically designed for the Beagle Bone Black (BBB), and provides a 7.0" primary display for the BBB for direct user interaction and information display, along with the ability for additional CAPES to be attached at the same time.

The 4DCAPE is **not** compatible with the previous Beagle Bone (Beagle Bone White), and can only be used with the Beagle Bone Black.

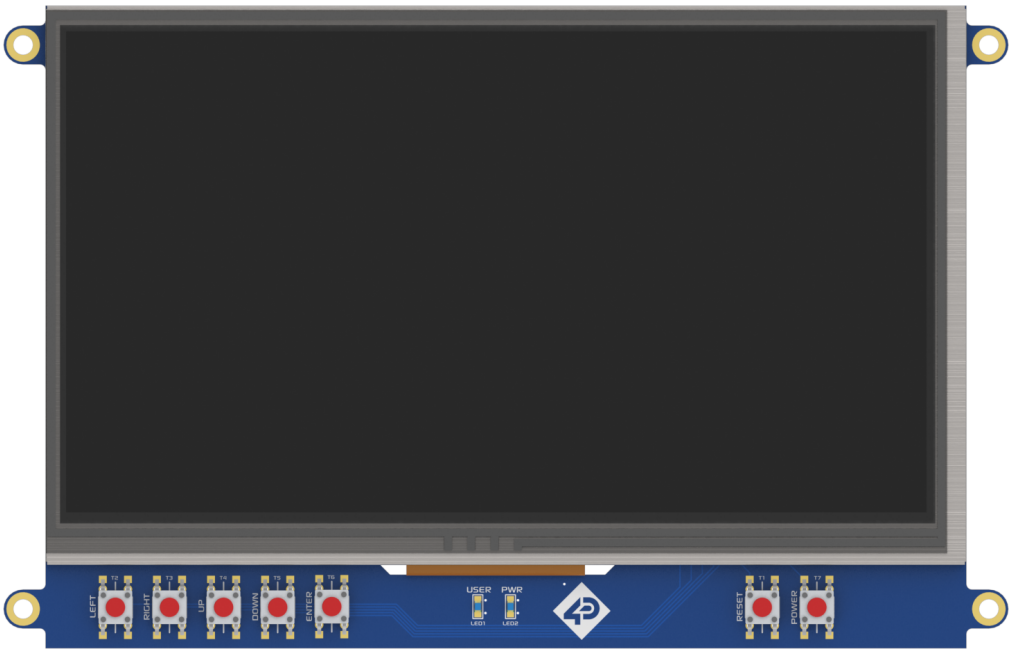
The 4D 7.0" LCD CAPE features a 7.0" TFT LCD 800x480 resolution display with Resistive Touch.

The 4DCAPE-70T uses the drivers developed for the CircuitCo LCD7 00A3, however, provides a different form factor and pricing point to the LCD7.

The Beagle Bone Black connects directly to the back of the 4DCAPE-70T and provides everything the CAPE requires such as power and display signals. Another CAPE can be added to the secondary connectors on the back of the 4DCAPE-70T if required.

The 4D 7.0" LCD CAPE features 7 push buttons below the screen, LEFT, RIGHT, UP, DOWN, ENTER, RESET and POWER, along with 2 LEDs to indicate Power and User Status (normally heartbeat).

Mounting of the 4DCAPE-7.0T is achieved with the 4x 3.5mm mounting holes present on the CAPE, enabling standard M3 or #6-32 screws to fasten the 4DCAPE-7.0 as required.



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