

4.3" LCD Display Cape Quick Start Guide



1. While the Beaglebone Black is unpowered, connect the 4.3" LCD Display Cape to the BeagleBone Black via the expansion headers on the bottom side of the Cape board.

Make sure the connectors are aligned and the Cape is positioned as in Figure 1.

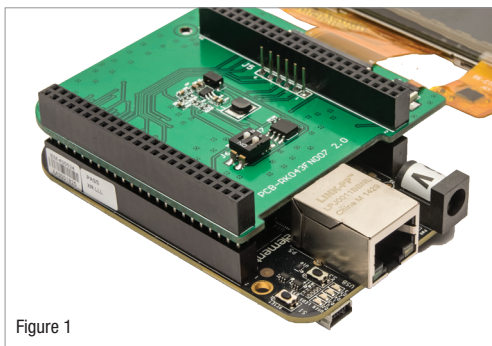


Figure 1

2. Connect the display portion to the connectors J3 and J4 to the Cape PCB assembly as shown in Figure 2.

3. Add any other connections needed to the Beaglebone Black and power-up normally.

4. Refer to the following URL link for instructions and details including Beaglebone Black software image revisions that support the 4.3" LCD Display Cape, and information on accessing the Cape's EEPROM ID. <https://www.element14.com/bbcape43>

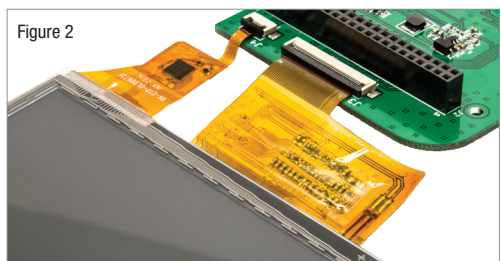


Figure 2

FR

1. Vérifiez que le Beaglebone Black se trouve hors tension, puis raccordez la platine de l'écran LCD 4,3" au BeagleBone Black via les embases d'extension situées sur la partie inférieure de la carte de la platine. Vérifiez que les connecteurs sont alignés et que la platine est positionnée comme illustré à la Figure 1.
2. Raccordez l'écran aux connecteurs J3 et J4 du circuit imprimé de la platine comme illustré à la Figure 2.
3. Ajoutez les autres connexions nécessaires au Beaglebone Black et mettez ce dernier sous tension normalement.

4. Reportez-vous à l'adresse ci-dessous pour obtenir davantage d'instructions et de détails, notamment sur les révisions de l'image logicielle Beaglebone Black qui prend en charge la platine de l'écran LCD 4,3", ainsi que des informations sur l'accès à l'identifiant EEPROM de la platine.

<https://www.element14.com/bbcape43>

DE

1. Wenn Sie das BeagleBone Black vom Netzstrom getrennt haben, schließen Sie das 4,3-Zoll-LCD-Display-Cape über die Erweiterungsstecker an der Unterseite der Cape-Platine an das BeagleBone Black an. Prüfen Sie, dass die Steckverbinder richtig ausgerichtet sind und dass das Cape wie in Abbildung 1 positioniert ist.
2. Schließen Sie das Display an die J3- und J4-Steckverbinder der Cape-Platinenbestückung an (s. Abbildung 2).
3. Schließen Sie alle weiteren Geräte, die Sie benötigen, an das BeagleBone Black an und schalten Sie es wie gewohnt ein.

4. Unter dem folgenden Link finden Sie Anweisungen und weitere Informationen zu Software-Image-Revisionen für das BeagleBone Black, die das 4,3-Zoll-LCD-Display-Cape unterstützen, sowie Informationen zum Zugriff auf die EEPROM-ID des Capes.

<https://www.element14.com/bbcape43>

ES

1. Con la Beaglebone Black desconectada de la alimentación, conecte la placa complementaria de display LCD de 4,3" mediante los conectores de expansión que se encuentran en la parte inferior de la placa complementaria. Asegúrese de que los conectores estén alineados y que la placa complementaria esté ubicada como lo indica la Figura 1.
2. Conecte el display a los conectores J3 y J4 en la placa complementaria como lo muestra la Figura 2.
3. Añada cualquier otra conexión necesaria a la Beaglebone Black y conéctela a la alimentación normalmente.

4. En la siguiente enlace encontrará instrucciones y detalles sobre el software de imágenes de la Beaglebone Black que funciona con la placa complementaria de display LCD de 4,3", e información sobre cómo acceder a la identificación de la EEPROM de la placa complementaria.

<https://www.element14.com/bbcape43>

IT

1. Con il Beaglebone Black spento, collegare il cape display LCD da 4,3" a BeagleBone Black tramite i connettori di espansione sul lato inferiore della scheda cape. Assicurarsi che i connettori siano allineati e che il cape sia posizionato come illustrato in Figura 1.
2. Collegare la parte del display ai connettori J3 e J4 nell'assemblaggio PCB del cape come mostrato in Figura 2.
3. Aggiungere eventuali altre connessioni a BeagleBone Black e accenderlo normalmente.

4. Consultare il link all'URL seguente per istruzioni e dettagli, incluse le revisioni dell'immagine software di BeagleBone Black a supporto del cape display LCD da 4,3", nonché informazioni sull'accesso all'ID EEPROM del cape.

<https://www.element14.com/bbcape43>

PT

1. Com a Beaglebone Black desligada, ligue o módulo do visor LCD de 4,3" à Beaglebone Black através das cabeças de expansão na parte inferior da placa do módulo. Certifique-se de que os conectores se encontram alinhados e de que o módulo se encontra posicionado tal como na Figura 1.
2. Ligue a parte do visor aos conectores J3 e J4 do conjunto PCB do módulo, tal como apresentado na Figura 2.
3. Efectue quaisquer outras ligações necessárias na Beaglebone Black e ligue-a como habitualmente.

4. Consulte o seguinte URL de hiperligação para obter instruções e detalhes, incluindo revisões de imagem de software Beaglebone Black que suportam o módulo do visor LCD de 4,3" e informações relativas ao acesso à EEPROM ID do módulo.

<https://www.element14.com/bbcape43>

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

PN: BB-CAPE-DISP-CT43

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The element14 4.3" LCD Display Cape is manufactured in PRC by Premier Farnell UK Limited, 150 Armley Road, Leeds, LS12 2QQ, United Kingdom

www.premierfarnell.com

