

Wireless Connectivity Cape Quick Start Guide

1. Make sure the Gateway/Connectivity Cape has this jumper configuration:

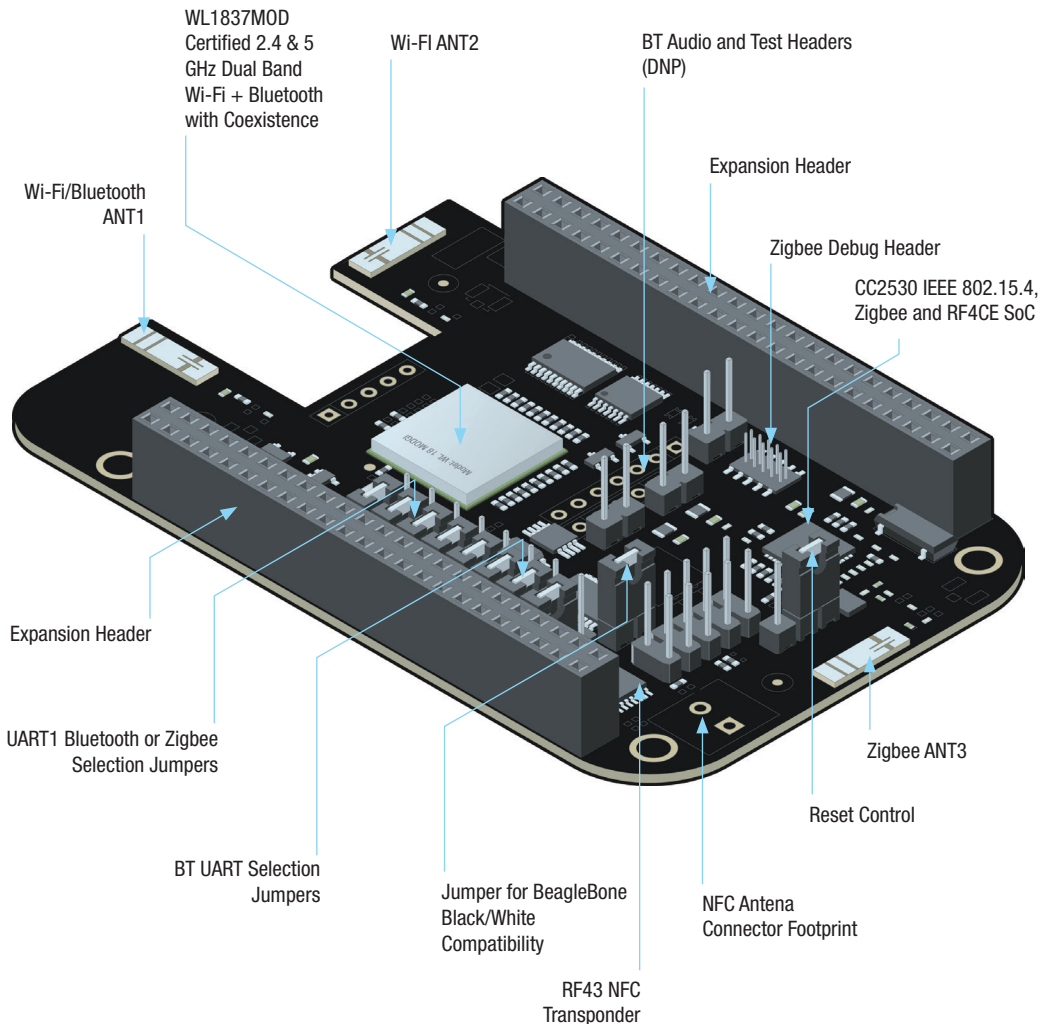
- J11, J12, J13, J14, J27, J28, J29, J30, and J31 connected between pins 1 and 2 (Choosing UART1 for BT)
- J33 connected between pins 2 and 3
- Other jumpers should be left open

2. Connect the Gateway/Connectivity 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 cut out on the Cape board is over the Ethernet connector.

3. Refer to this URL for instructions on how to program the micro-SD card and run the demo: <https://www.element14.com/wcc>

4. Once programmed via an SD card programmer (built in to a PC or a USB to SD card dongle), insert the micro-SD card into the micro-SD card socket (P10) on the bottom side of the BeagleBone Black.

5. While holding the S2 button located on the top side of the micro-SD card socket on the BeagleBone Black, connect 5V to the barrel power connector (P1).



FR

- Assurez-vous que la passerelle/platine de connexion est pourvue de la configuration de liaison suivante:
 - J11, J12, J13, J14, J27, J28, J29, J30 et J31 connectés entre les broches 1 et 2 (en choisissant l'UART1 pour BT).
 - J33 connecté entre les broches 2 et 3.
 - Les autres liaisons doivent rester ouvertes.
- Connectez la passerelle/platine de connexion au BeagleBone Black via les embases d'extension sur le côté inférieur de la carte de la platine. Assurez-vous que les connecteurs sont alignés et que la découpe de la carte de la platine se trouve au-dessus du connecteur Ethernet.

3. Veuillez consulter l'adresse URL suivante pour connaître les instructions de programmation de la carte micro-SD et exécuter la démonstration : <https://www.element14.com/wcc>
4. Une fois programmée via un programmeur de carte SD (intégré à un PC ou à un lecteur USB de carte SD), insérez la carte micro-SD dans la fiche correspondante (P10) sur le côté inférieur du BeagleBone Black.
5. Tout en maintenant enfoncé le bouton S2, situé sur le côté supérieur de la fiche pour carte micro-SD sur le BeagleBone Black, raccordez à une alimentation de 5 V le connecteur d'alimentation cylindrique (P1).

DE

- Stellen Sie sicher, dass das Gateway-/Verbindungs-Cape die folgenden Jumper-Konfigurationen aufweist:
 - J11, J12, J13, J14, J27, J28, J29, J30 und J31 sind zwischen Pin 1 und Pin 2 eingesteckt (wählen Sie UART1 für BT)
 - J33 ist zwischen Pin 2 und Pin 3 eingesteckt
 - Sonstige Jumper sollten offen bleiben
2. Conecte la placa complementaria de conectividad / puerta de enlace a la BeagleBone Black mediante los conectores de expansión en la parte inferior de la placa complementaria. Asegúrese de que los conectores estén alineados y la ranura de la placa complementaria esté sobre el conector de Ethernet.

3. En el siguiente sitio web encontrará instrucciones sobre cómo programar la tarjeta micro-SD y ejecutar la demostración: <https://www.element14.com/wcc>
4. Una vez haya programado la tarjeta micro SD mediante un programador (integrado a su ordenador o en forma de adaptador USB a tarjeta SD), inserte la tarjeta micro-SD a la ranura correspondiente (P10) en la parte inferior de la BeagleBone Black.
5. Mientras presiona el botón S2 ubicado en la parte superior de la ranura para la tarjeta micro-SD en la BeagleBone Black, conecte 5V al conector cilíndrico de alimentación (P1).

ES

- Asegúrese de que la placa complementaria de conectividad / puerta de enlace tenga la siguiente configuración en los puentes:
 - J11, J12, J13, J14, J27, J28, J29, J30 y J31 conectados entre los pines 1 y 2 (seleccionando UART1 para BT)
 - J33 conectado entre los pines 2 y 3
 - Los otros puentes se deben dejar abiertos
2. Conecte la placa complementaria de conectividad / puerta de enlace a la BeagleBone Black mediante los conectores de expansión en la parte inferior de la placa complementaria. Asegúrese de que los conectores estén alineados y la ranura de la placa complementaria esté sobre el conector de Ethernet.

3. En el siguiente sitio web encontrará instrucciones sobre cómo programar la tarjeta micro-SD y ejecutar la demostración: <https://www.element14.com/wcc>
4. Una vez haya programado la tarjeta micro SD mediante un programador (integrado a su ordenador o en forma de adaptador USB a tarjeta SD), inserte la tarjeta micro-SD a la ranura correspondiente (P10) en la parte inferior de la BeagleBone Black.
5. Mientras presiona el botón S2 ubicado en la parte superior de la ranura para la tarjeta micro-SD en la BeagleBone Black, conecte 5V al conector cilíndrico de alimentación (P1).

IT

- Assicurarsi che il cape connettività/gateway abbia questa configurazione del ponticello:
 - J11, J12, J13, J14, J27, J28, J29, J30 e J31 collegati tra i pin 1 e 2 (scegliendo UART1 per BT)
 - J33 collegato tra i pin 2 e 3
 - Altri ponticelli devono essere lasciati aperti
2. Collega il cape connettività/gateway a BeagleBone Black tramite i connettori di espansione sul lato inferiore della scheda cape. Assicurarsi che i connettori siano allineati e l'intaglio sulla scheda cape si trovi in corrispondenza del connettore Ethernet.

3. Consultare questo URL per istruzioni su come programmare la scheda micro SD ed eseguire la demo: <https://www.element14.com/wcc>
4. Dopo aver effettuato la programmazione tramite un programmatore scheda SD (integrato nel PC o dongle USB/scheda SD), inserire la scheda micro SD nella relativa presa (P10) sul lato inferiore del BeagleBone Black.
5. Tenendo premuto il tasto S2 sul lato superiore della presa della scheda micro SD del BeagleBone Black, collegare 5 V al connettore di alimentazione del cilindro (P1).

PT

- Certifique-se de o módulo de conectividade/Gateway possui esta configuração da ligação em ponte:
 - J11, J12, J13, J14, J27, J28, J29, J30 e J31 ligados entre os pinos 1 e 2 (escolha de UART1 para BT)
 - J33 ligado entre os pinos 2 e 3
 - As outras ligações em ponte devem ser deixadas abertas
2. Collega il cape connettività/gateway a BeagleBone Black tramite i connettori di espansione sul lato inferiore della scheda cape. Assicurarsi che i connettori siano allineati e l'intaglio sulla scheda cape si trovi in corrispondenza del connettore Ethernet.

3. Consultare questo URL per istruzioni su come programmare la scheda micro SD ed eseguire la demo: <https://www.element14.com/wcc>
4. Dopo aver effettuato la programmazione tramite un programmatore scheda SD (integrato nel PC o dongle USB/scheda SD), inserire la scheda micro SD nella relativa presa (P10) sul lato inferiore del BeagleBone Black.
5. Tenendo premuto il tasto S2 sul lato superiore della presa della scheda micro SD del BeagleBone Black, collegare 5 V al connettore di alimentazione del cilindro (P1).

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: BBONE-GATEWAY-CAPE

element14

The element14 Wireless Connectivity Cape is manufactured in PRC by Premier Farnell UK Limited, 150 Armley Road, Leeds, LS12 2QQ, United Kingdom www.premierfarnell.com



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