BeagleBone Black Readme

The existing QNX 6.5.0 SP1 BSP for the TI BeagleBone Platform is also compatible with the BeagleBone Black platform. However, the BeagleBone Black platform requires the following additional hardware, in order to use the QNX BSP with it:

 FTDI USB-to-TTL Serial Debug Cable

 There are also MLO and u-boot binaries that are specific to the BeagleBone Black. For convenience, the MLO and u-boot binaries for both the original BeagleBone, and the new BeagleBone Black, have been provided on the Foundry27 BSP download page. However, for the latest versions of these binaries, please check the respective board pages at beagleboard.org.

To boot QNX on the BeagleBone Black:

1) Connect the FTDI USB-to-TTL cable from the 6-pin TTL connector on the board, to an available USB port on the host machine. Ensure that the black wire on the TTL connector is connected to the pin closest to the white dot on the board.

2) Follow the instructions in section 8 of the BeagleBone BSP User Guide to place the BeagleBone Black-specific MLO and u-boot onto an SD card.

Note: The micro USB debug connector on the BeagleBone Black does not work when the board is booted using QNX. However, you can use the FTDI USB-to-TTL Serial Cable to interact with the board.