



# BCM**MODULE** TEST SUMMARY

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## THE FOLLOWING USE CASES ARE ALREADY TESTED

All tests were performed using minicom on a linux desktop pc connected to BCMmodule via FTDI cable. For the linux tests BCMmodule was booted using the latest BeagleBone Debian Image.

- Power supply device via DC plug
- Power supply device via USB host interface
- Power on/off device by power button
- Reset device by reset button
- Connect to rom boot loader via FTDI cable
- Download and install u-boot via FTDI cable
- Boot linux from microSD card
- Install linux to onboard flash memory
- Boot linux from onboard flash memory
- Boot linux from microSD card using the boot select button
- Access network via Ethernet interface
- Access USB memory sticks connected to USB device interface
- Access BCMmodule as USB memory via USB host interface
- Recognize different capes connected to the cape connector

- Display the linux desktop on a display connected to micro HDMI interface
- Use USB mouse and keyboard to operate the linux desktop
- Boot BBB Android 4.4.4 and use 4.3" LCD cape as display and touch device

## **THE FOLLOWING USE CASES ARE NOT YET TESTED**

- Boot Linux from ethernet network
- Operation of various USB gadgets
- Operation of various BeagleBone Black capes