

Appendix

Photographs of EUT

of

Product Name

Bluetooth 5.3 module

Main Model

BT840N

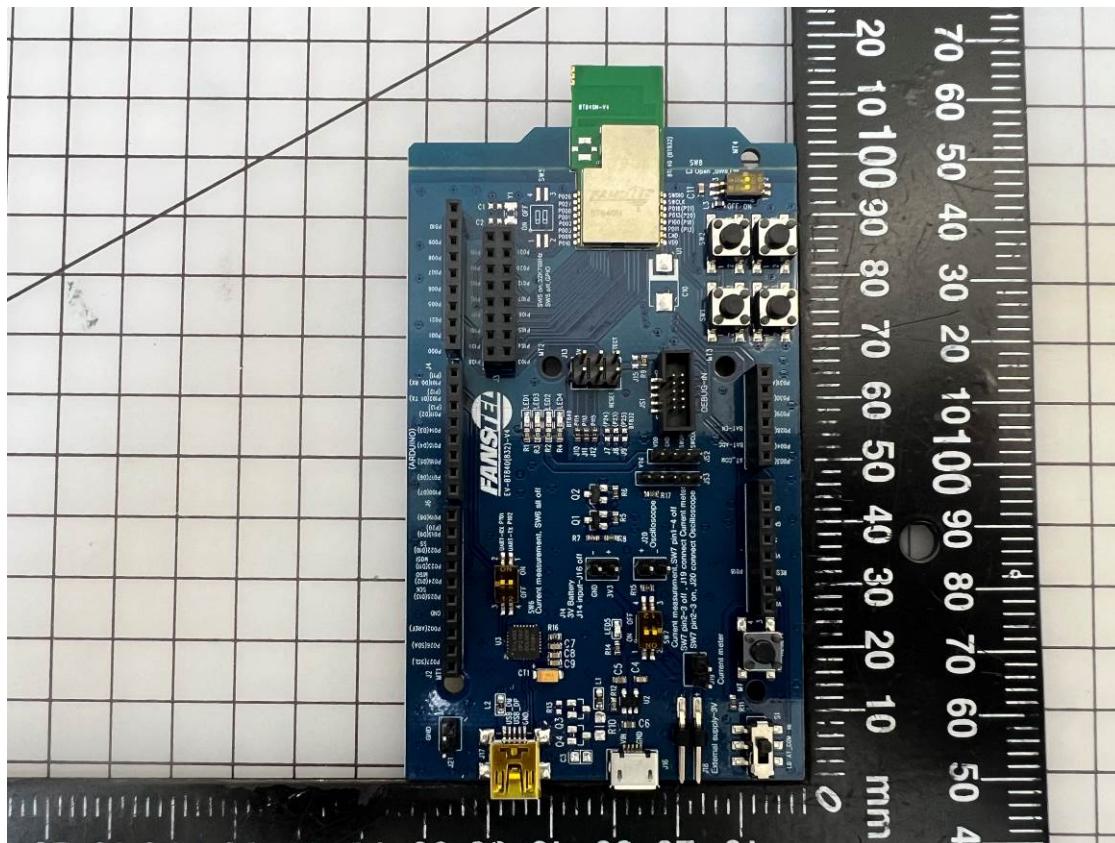
Series Model

BT840NE

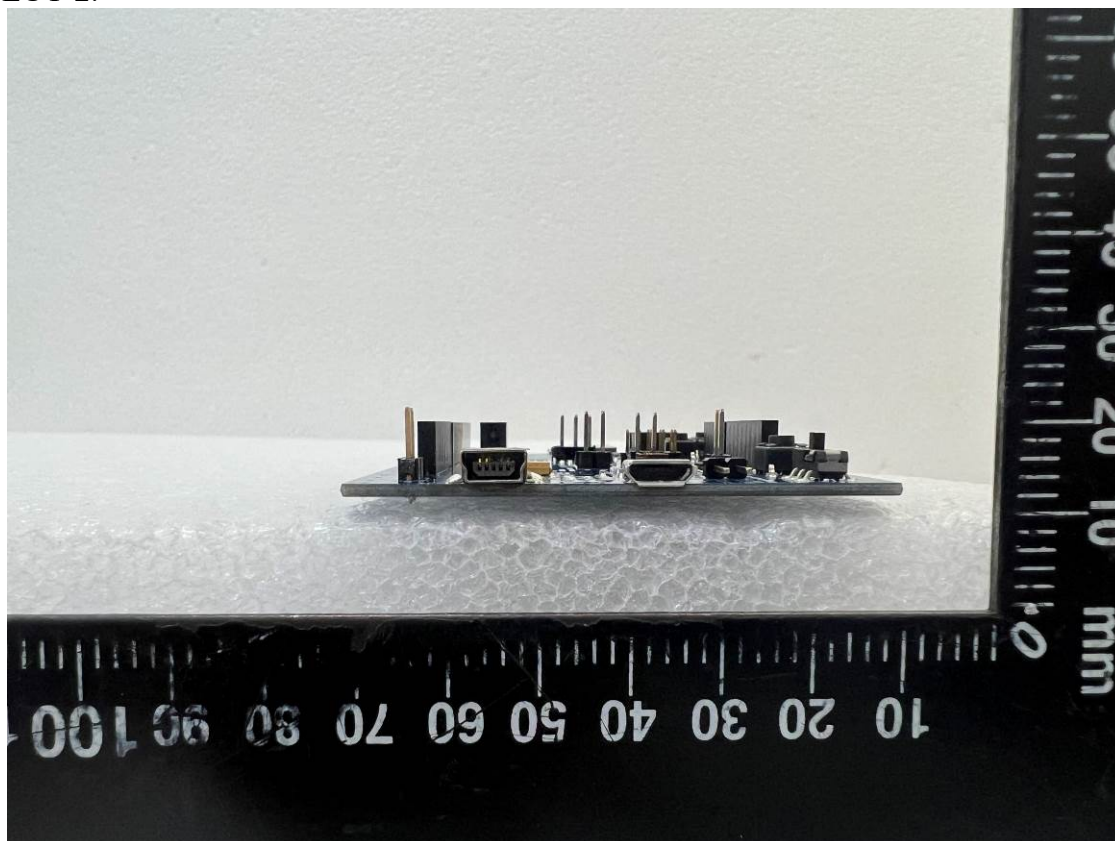
Brand

Fanstel

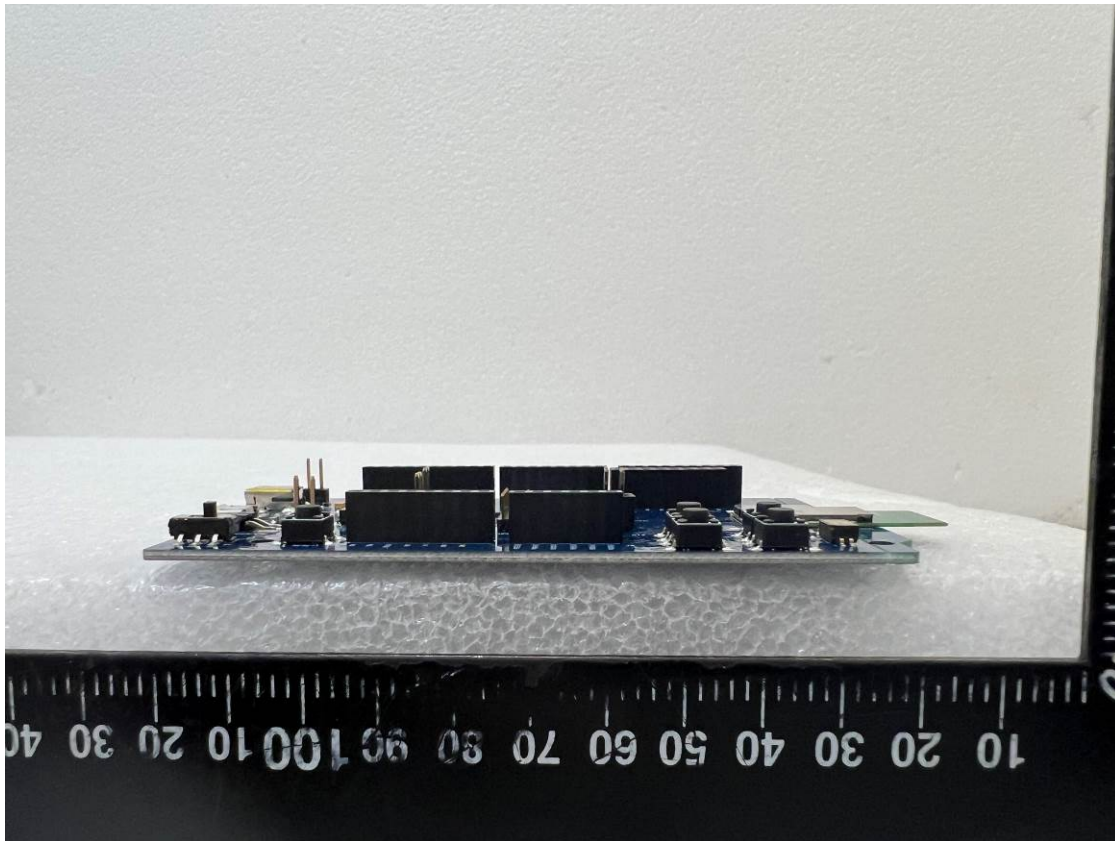
EUT-1.



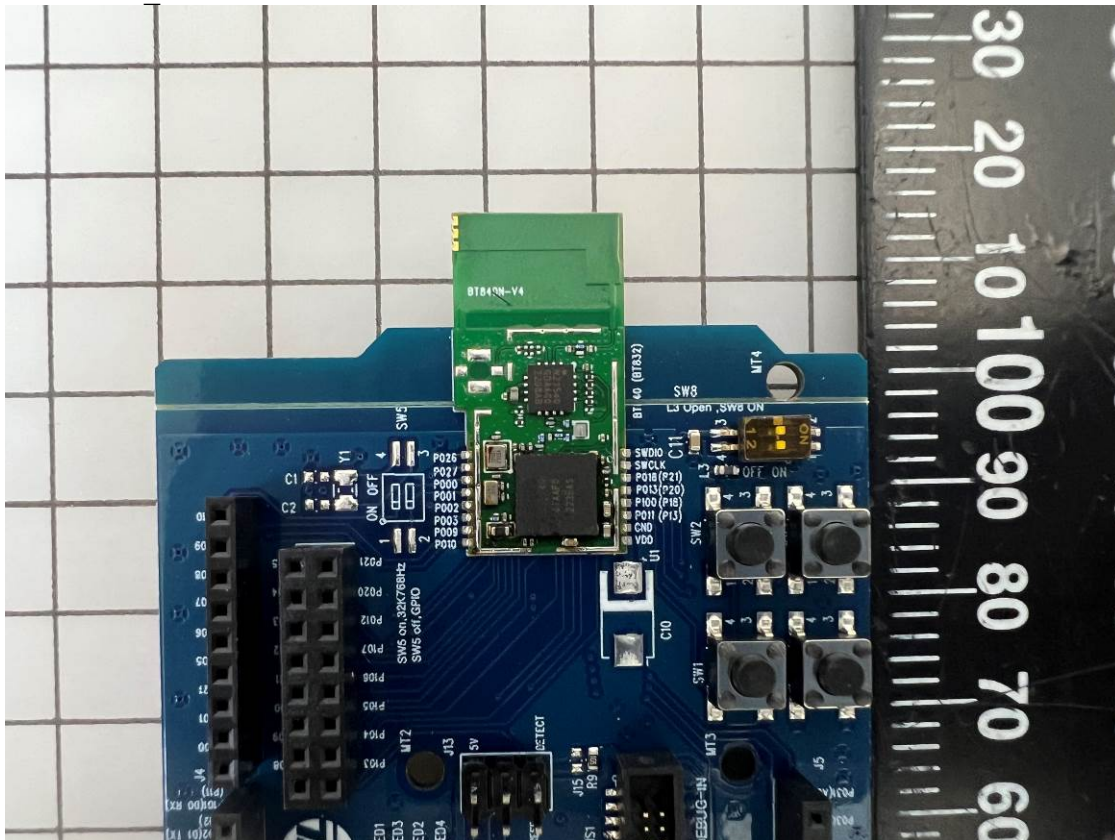
EUT-2.



EUT-3.



EUT-4. PCB Antenna



The image shows a custom blue PCB populated with various electronic components. A green BT840N-V4 module is mounted on the board. Other components include a USB-C port, a 32KHz crystal, several push buttons (SW1-SW8), and a 10-pin header. A ruler is visible on the right side of the image for scale.

The image shows a custom blue PCB populated with various electronic components. A green BT module (BT040N-V4) is mounted in the center. To its left is a 5V voltage regulator (MT2) with a 330k resistor (R2) and a 100nF capacitor (C1). Below the regulator are four LEDs (LED1-LED4) and a 5-pin header (J5). To the right of the BT module is a 3.3V voltage regulator (MT4) with a 100nF capacitor (C11) and a 10k resistor (R3). Below the 3.3V regulator are four push buttons (SW1-SW4) and a 10k resistor (R4). The PCB also features a 10-pin header (J1) on the left, a 5-pin header (J3) near the 5V regulator, and a 5-pin header (J5) near the 3.3V regulator. A ruler is visible on the right side of the board, showing measurements in centimeters.

EUT-7. ANT0



EUT-8. ANT0

