



Hardware Review Report



Version 1.0
Espressif Systems
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1. Schematics

1.1. Power and Ground

- a. Please make sure the power supply current for ESP32-C3 module is not less than 500 mA.

1.2. RF

- a. NA

1.3. Clock

- a. NA

1.4. Reset/Enable

- a. OK

1.5. Sleep/Wake up

- a. NA

1.6. External RC

- a. NA

1.7. I/O

- a. OK

1.8. Flash/PSRAM

- a. NA



1.9. UART

- a. OK

1.10. Package

- a. OK

1.11. Others

- a. NA

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2. PCB

2.1. PCB Check

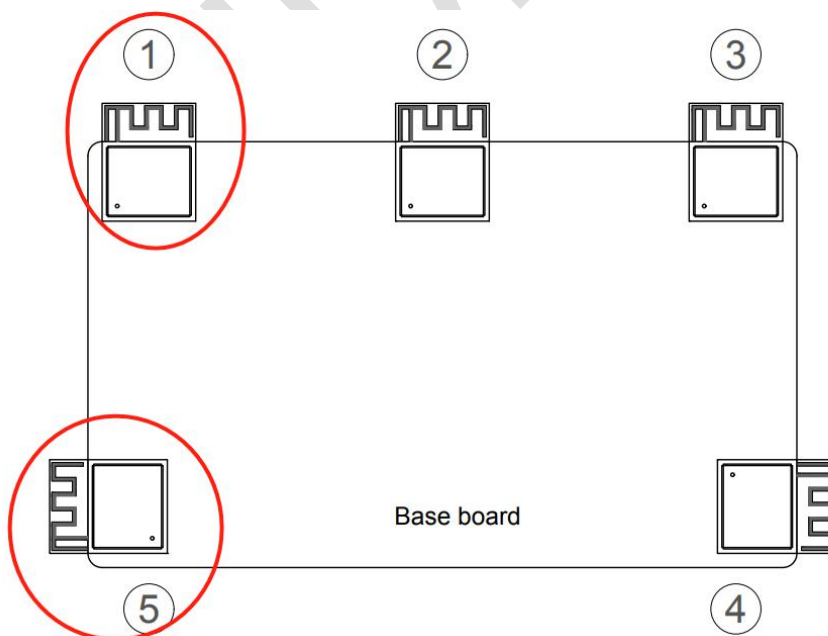
- a. FR4 material is recommended for PCB layout.

2.2. Power and Ground

- a. NA

2.3. RF

- a. When you place ESP32-C3-MINI-1 module, it is suggested to put the antenna outside the board. And please make sure the feedpoint is close to the board, as the figure below shows, 1 and 5 are recommended. If you could not place the antenna outside, at least place the module on the edge of the board and make sure the feedpoint is close to the board. Then make an at least 15 mm clean region around the antenna region.



2.4. Clock

- a. NA



2.5. Reset/Enable

- a. NA

2.6. External RC

- a. NA

2.7. I/O

- a. NA

2.8. UART Layout

- a. NA

2.9. Others

- a. NA

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