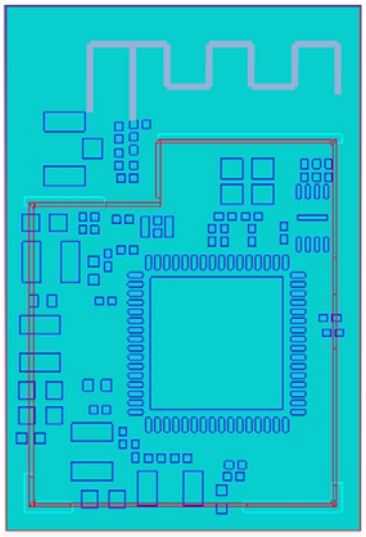
# User manual

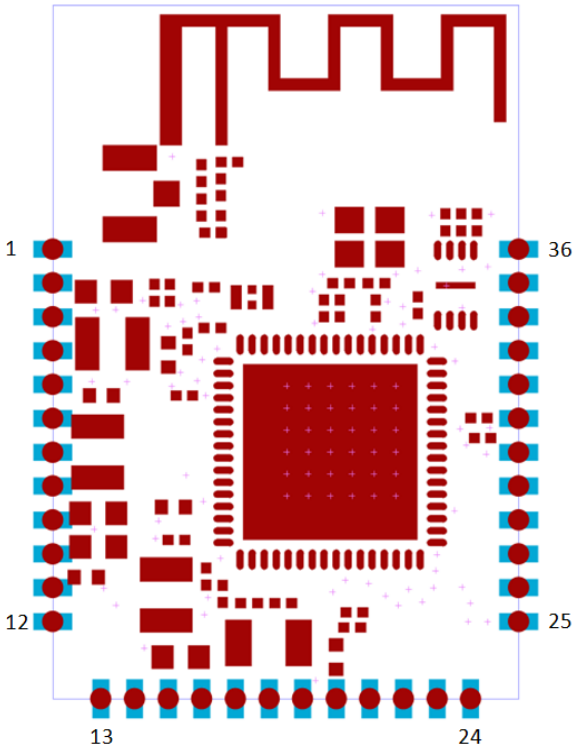
## MivaTek Low Power Wi-Fi Module

## Model No: MODCC32



CC3200 Module


CC3200 Module With Label



## Pins of CC3200 Module

| Pin | Function | Remark |
|---|---|---|
| 1 | Power GDN | |
| 2 | nREST | |
| 3 | NC | |
| 4 | NC | |
| 5 | NC | |
| 6 | NC | |
| 7 | NC | |
| 8 | NC | |
| 9 | ALARM1 | |
| 10 | POWER VCC3.3V | |
| 11 | AlARM2 | |
| 12 | GPIO5 | |
| 13 | NC | |
| 14 | NC | |
| 15 | GPIO6 | |
| 16 | GPIO7 | |
| 17 | GPIO8 | |
| 18 | GPIO9 | |
| 19 | POWER GND | |
| 20 | POWER VCC3.3V | |
| 21 | SPI_CLK | |
| 22 | SPI_MISO | |
| 23 | SPI_MOSI | |
| 24 | SPI_CS | |
| 25 | NC | |
| 26 | SOP2 | |
| 27 | UART1_RX | |
| 28 | UART1_TX | |
| 29 | UART0_TX | |
| 30 | UART0_RX | |
| 31 | JTAG_TDI | |
| 32 | JTAG_TDO | |
| 33 | JTAG_TCK | |
| 34 | JTAG_TMS | |
| 35 | NC | |
| 36 | POWER GND | |

# Description

The CC3200 Module works at Client mode. When powered on, it get into deep sleep mode as soon as possible.

If an event was detected, the MCU will send a signal to CC3200 module to wake up the module. Then the module will check if the message was ture or false. If it is a real event, the module will connect to the master and send the event alert out via wifi. When the meassage was sent out and an ACK was received, the module will get into deep sleep mode again as soon as possible.

# FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s) . 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.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

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.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposurere quirement.
The device can be used in portable exposure condition without RF striction.

This equipment complies with FCC radiation limits set forth for an uncontrolled environment.This equipment mush not be co-located or operating with any other antenna or transmitter. This module is designed to comply with FCC statement FCC ID is: 2AE59-MODCC32. The host system using this module should have label in a visible area indicated the following texts "Contains FCC ID: 2AE59-MODCC32".