# MOD-WIFI-ESP8266-DEV, hardware revision B

|        | MTDO | GPIO0 | GPIO2 |
|--------|------|-------|-------|
| SDIO   | 1    | X     | X     |
| UART   | 0    | 0     | 1     |
| FLASH  | 0    | 1     | 1     |

| PAD | PIN     |
|-----|---------|
| 1   | 3.3V    |
| 2   | GND     |
| 3   | GPIO1   |
| 4   | GPIO3   |
| 5   | SD_CLK  |
| 6   | SD_D2   |
| 7   | SD_D1   |
| 8   | SD_CMD  |
| 9   | SD_D0   |
| 10  | SD_D3   |
| 11  | GPIO5   |
| 12  | ADC     |
| 13  | RSTB    |
| 14  | CHIP_E  |
| 15  | GPIO16  |
| 16  | GPIO12  |
| 17  | GPIO14  |
| 18  | GPIO13  |
| 19  | GPIO15  |
| 20  | GPIO-2  |
| 21  | GPIO-0  |
| 22  | GPIO4   |

U1 ESP8266

U2 W25Q16BVSSIG

SW1 SW-TAKTIT1185AU2

UEXT NA(IDC10S/PCB)

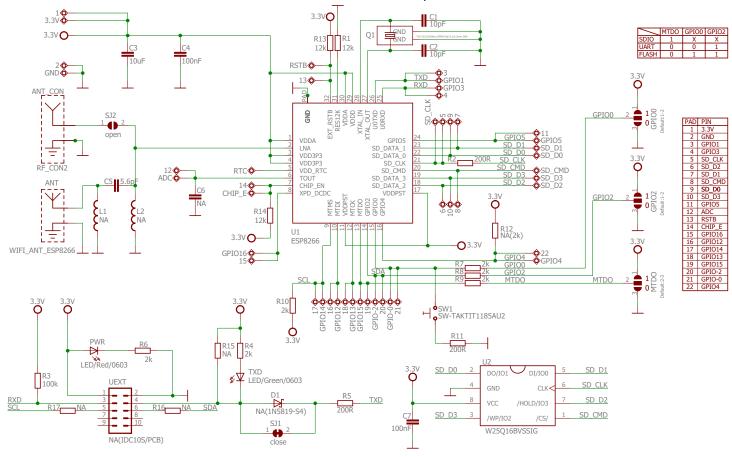WIFI_ANT_ESP8266

RF_CON2

ANT_CON

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OLIMEX LTD, PLOVDIV, BULGARIA
www.OLIMEX.com

Revision changes in revision B:
1. Added a button and filtering resistor R11 for easier acces to UART/bootloader mode
2. Added pads for pull up resistor for GPIO4 that might be used as I2C, value of the resistor NA(2K).
3. Improved jumper names.
4. Added testpad for the RTC pin