MOD-WiFi-ESP8266-DEV, hardware revision B2 3.3V 3.3V**O** C1 3.9pF ₩ GND MTDO GPIO0 GPIO2 3.3V**O** Q1 R13 C3 10uF 12k 12k C2 3.9pF UART 0 0 1 100nF FLASH RSTB 🕏 2 GND -**♦**3 -**♦**GPIO1 3.3V **O** 130 ANT_CON GPIO0 GPIO0 Default: 1-2 SND GND GPIO0 SJ2 PAD PIN 1 3.3V open 2 GND GPI05 VDDA GPIO5 3 GPIO1 LNA SD_DATA_1 SD_D1 SD_D0 Ξ 4 GPIO3 VDD3P3 SD DATA 0 3.3V **O** 5 SD_CLK 6 SD_D2 7 SD_D1 VDD3P3 SD CLK RF_CON2 12 O RTC 🔷 VDD_RTC SD_CMD SD CMD SD D3 SD DATA 3 SD_D3 SD_D2 TOUT 8 SD_CMD 9 SD_D0 ANT CHIP_EN 14 CHIP_E SD_DATA_2 XPD DCDC VDDPST GPIO2 3.3V 10 SD_D3 11 GPIO5 12 ADC Ö L1 R14 13 RSTB 14 CHIP_E 15 GPI016 16 GPI012 17 GPI014 NA NA 12k R12 NA(2k) U1 3.3V **()**-ESP8266 3.3V **-**3.3V 0 WIFI ANT ESP8266 GPIO16 **♦**22 **♦**GPIO4 18 GPIO13 19 GPIO15 GPIO4 GPI00 20 GPIO-2 GPIO2 21 GPIO-0 22 GPIO4 MTDO 3.3V 3.3V 3.3V **O** R10 GPIO12 18< GPIO13< GPIO15< GPIO-2< 2k H SW1 SW-TAKTIT1185AU2 GPIO-2 20 GPIO-0 GPI01 GPI01 There are 2 variants of U2 SPI flash 1 - W25Q16JVSSIG **O** 3.3V PWR 2 - EN25Q16B-104HIP R15 R4 NA 2k Visit the web page for the software configuration LED/Red/0603 2k 3.3V **O** SD_D0 SD D1 DO/IO1 DI/IO0 R3 100k LED/Green/0603 **UEXT** SD CLK GND CLK< TXD SD D2 NA(1N5819-S4) VCC /HOLD/IO3 C7 100nF SD_D3 SD CMD /CS/ SJ1 W25Q16BVSSIG Designed by Olimex LTD, Plovdiv, Bulgaria NA(IDC10S/PCB) close