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牙	鑫信	[息科技 (上海) 股份有限公司					
Titl	е	<esp32-wrover-ie></esp32-wrover-ie>					
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(С	<01_Function Block>	V1.2	Confid	ential	and	Proprietar
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The values of C1 and C2 vary with the selection of the crystal. GND The value of R2 varies with the actual PCB board. VDD33 100pF C20 1uF VDD33 PCB ANTENNA 0.1uF GND GND VDD33 40MHz(±10ppm) 2.0nH C6 C13 NC GND _____C11 _____C10 _____0.1uF 10nF/6.3V(10%) 3.3nF/6.3V(10%) Pin.38 Pin.1 --||iGND GND I GND GND GND I GND GPIO23 GND Pin.37 Pin.2 --OVDD33 1 ANT2 R14 0

N J39
IPEX
GND
ANT1
1 ANT1 R15 00 3**V**3 I023 GND VDD33 ÷ Pin.3 GPIO22 Pin.36 EN 1022 ____C4 ____0.1uF SENSOR_VP VDD33 U0TXD Pin.35 Pin.4 LESD8D3.3CAT5G SENSOR_VP TXD0 GPIO19 VDD3P3 CPU GPIO23 GPIO23 GPIO18 GPIO5 SD DATA 1 SENSOR_VN U0RXD Pin.34 Pin.5 SENSOR_VN RXD0 LNA_IN VDD3P3 GND GPIO34 GPIO21 Pin.33 C1<u>5</u> Pin.6 C14 VDD3P3 SENSOR_VP PCB_ANT IO34 IO21 TBD TBD SD_DATA_1 SD_DATA_0 SD_CLK SD_CMD SD_CMD SD_DATA_3 SD_DATA_2 GPIO17 GPIO35 Pin.32 Pin.7 SENSOR CAPN GND SENSOR_VN 1035 NC GND CHIP_PU
VDET_1
VDET_2
32K_XP
32K_XN
GPIO25 Pin.8 GPIO32 GPIO19 Pin.31 1032 1019 The values of C15, L4 and C14 vary with the actual PCB board. EPAD GPIO33 GPIO18 Pin.30 VDD_SDIO 26 GPIO16 25 Pin.9 GPIO16 IO18 I033 GPIO25 GPIO5 Pin.29 NC: No component. Pin.10 105 IO25 VDD_SDIO C24 1uF GPIO26 Pin.11 Pin.28 Ω Φ Γ Β Θ Ο Τ Ζ Ε Κ Τ ESP32-D0WD-V3 IO26 NC GND — GND SCK/CLK R12 0 FLASH_CLK VDD33 Pin.12 GPIO27 Pin.27 IO27 NC VDD33 GPIO14 GPIO4 Pin.13 Pin.26 C19
0.1uF
GND **IO4** IO14 GPIO12 Pin.25 Pin.14 GPI017 R13 0 SRAM_CLK IO12 IO0 GPIO2 Pin.24 Pin.15 - GND GND IO2 Flash and PSRAM VDD_SDIO VDD_SDIO VDD_SDIO GPIO13 Pin.23 Pin.16 1013 IO15 Pin.17 Pin.22 **R**10 NC NC SCS/CMD 1 10K Pin.21 Pin.18 /CS NC NC FLASH_CLK 6 DO CLK Pin.19 Pin.20 /HOLD 9 NC NC /WP PSRAM GND GND

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