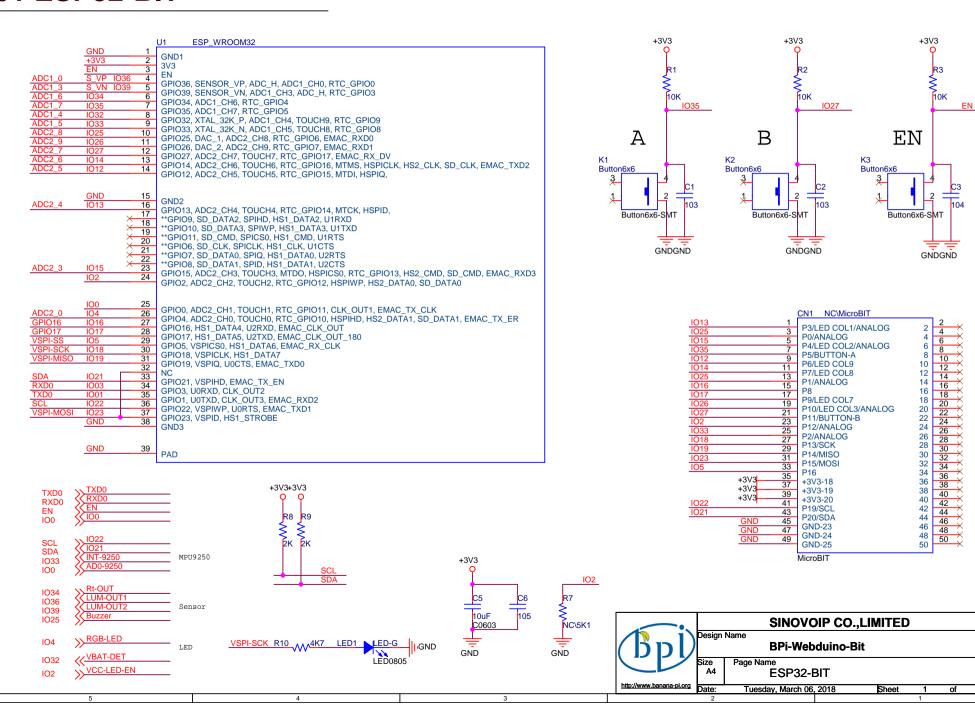
01 ESP32-BIT

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Rev

1.0

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02 Power **VBUS VBAT VBAT** LM1117-3.3V +<u>3V</u>3 3.5~4.2V SOT-223 GND+||C20 | 10uF C0603 R521 OUT2 XH-2AWB GND OUT1 C18 _ C19 104 10uF 4K7-1% ₩ GND GND C0402 C0603 VBAT-DET R522 GND WPM3022 IO32 << VBAT-DET ON/OFF 13K-1% R36_M 1M || GND GND 1. VBAT供电时, Vgs=-3.7V, MOS管打开; VBAT-->>VIN 2. 插入DC时, Vgs=1.3V, MOS管关闭, 防止DC对电池充电; VBUS-->>VIN U3 CH340G USB1 Micro-USB R15 1K R0402 **GND** MMBT3904 TXD RXD MICRO USB DIP4SMD TXD DSR# **VBUS** SOT-23 RI# DCD# RXD +3V3 V3 USB-DP USB-DM D1 1N5819 UD+ DTR 14 UD-RTS# RTS R232 16 ΧI 8 XO VCC IO0 SOP16 Q2 R16 1K R0402 1 MMBT3904 SOT-23 1 XIN GND2 GND GNDGNDGND GND1XOUT 12MHz-20pF-10PPM TSX-3225 GND XO Auto program DTR RTS-->EN IO0 1 1 0 0 0 1 TXD0 >> TXD0 R18 OR LED0805 TXD **SINOVOIP CO.,LIMITED** +3V3 R20 4K7 LED3 LED-G RXD Design Name **BPi-Webduino-Bit** Page Name Size Rev A4 Power 1.0 http://www.banana-pi.org Tuesday, March 06, 2018 Sheet Date:

