

ESP32 WITH USB-C

USB-C CONNECTOR 1

USB-C CONNECTOR 2

POWER LED USER LED

5V POWER SELECTION 3V3 POWER SELECTION

RESET BUTTON

BOOT/USER BUTTON

HEADERS

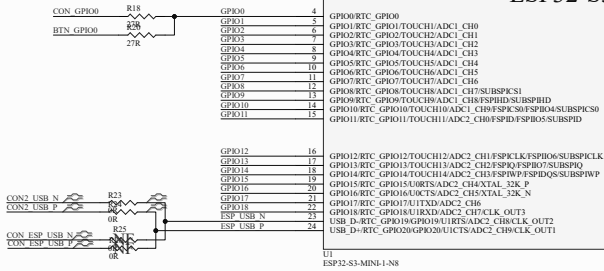
SERIAL SIGNALS HANDLING

ESP32-S3-MINI

Table

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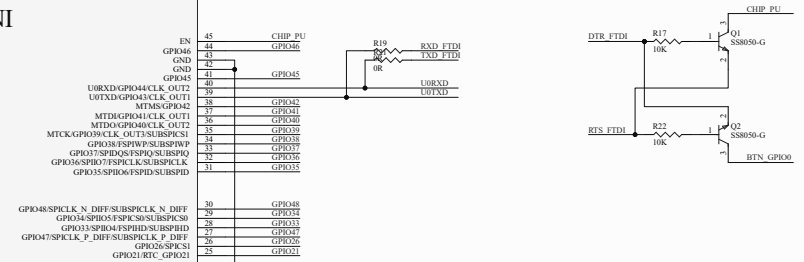
3V3 POWER SELECTION



Figure 1 shows the pin connections for the ESP8266 module. The diagram includes two pin headers, J1 and J2, each with 24 pins. The connections are as follows:

- J1 Pins:**
 - Pins 1-10: Connected to a 3V3 supply via capacitors C4 and C5.
 - Pins 11-12: Connected to a 5V supply via capacitor C9.
 - Pins 13-14: Connected to CON_ESP_USB P.
 - Pins 15-16: Connected to CON_ESP_USB N.
 - Pins 17-18: Connected to a 5V supply.
 - Pins 19-20: Connected to a 3V3 supply.
 - Pins 21-22: Connected to a 5V supply.
 - Pins 23-24: Connected to a 3V3 supply.
- J2 Pins:**
 - Pins 1-10: Connected to a 3V3 supply via capacitors C4 and C5.
 - Pins 11-12: Connected to a 5V supply via capacitor C9.
 - Pins 13-14: Connected to CON_ESP_USB P.
 - Pins 15-16: Connected to CON_ESP_USB N.
 - Pins 17-18: Connected to a 5V supply.
 - Pins 19-20: Connected to a 3V3 supply.
 - Pins 21-22: Connected to a 5V supply.
 - Pins 23-24: Connected to a 3V3 supply.

Design note:
+5V can be possibly used as an input power (if configured correctly)



Title ESP32 WITH USB-C (C) DESIGNED BY AMEER ALWADIYA		
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