Title					
Size	Number			Revision	
A					
Date:	10/26/2021			Sheet of	
File:	C:\Users\..\Power.SchDoc			Drawn By:	

U3 — ESP32-WROOM-32U

Left pins:
- 6 IO34
- 7 IO35
- 8 IO32
- 9 IO33
- 10 IO25
- 11 IO26
- 12 IO27
- 13 IO14
- 14 IO12
- 16 IO13
- 23 IO15
- 24 IO2
- 25 IO0
- 26 IO4
- 27 IO16
- 28 IO17
- 29 IO5
- 30 IO18
- 31 IO19
- 33 IO21
- 36 IO22
- 37 IO23

Right pins:
- 2 3V3
- 3 EN
- 17 SHD/SD2
- 18 SWP/SD3
- 19 SCS/CMD
- 20 SCL/CLK
- 21 SDO/SD0
- 22 SD1/SD1
- 4 SENSOR_VP
- 5 SENSOR_VN
- 35 TXD0
- 34 RXD0

GND pins:
- 1 GND
- 15 GND
- 38 GND
- G.1 GND
- G.2 GND
- G.4 GND
- G.5 GND
- G.6 GND
- G.7 GND
- G.8 GND
- G.9 GND
- G.10 GND
- G.11 GND
- G.12 GND
- G.13 GND
- G.14 GND
- G.15 GND
- G.16 GND
- G.17 GND
- G.18 GND
- G.19 GND
- G.20 GND
- G.21 GND
- G.22 GND

Net labels: RESET, LED_TX, IO0, LED_RX, EN, ESP->FT, FT->ESP, 3V3, GND

Left components:

- 3V3
- C3 CL21A226MQQNNNE
- C4 CL10B104MB8NNNC
- GND

- 5V
- D1 VEMD2023SLX01
- LED_RX
- R6 CRGCQ0603F330K
- GND

- 5V
- R5 CRGCQ0603F56R
- D2 VSMB10940
- Q2 BSS138PW,115
- LED_TX
- GND

- 3V3
- R7 RMCF0603FT10K0
- RESET
- SW1 1571262-2
- GND

- 3V3
- R8 RMCF0603FT10K0
- EN
- C5 CL10B104MB8NNNC
- GND

Title block:

Title		
Size A	Number	Revision
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U2

U3

U1

D1

R4 R3 R2 R1

J1

SW1

C2 C1

L1

SW1

J1

Board Stack Report