Tiny ESP32 programmer

U1 — CP2102N-QFN24

Pin	Signal		Signal	Pin
8	VBUS		TXD	21
7	VREGIN		RXD	20
5	VIO		RTS	19
6	VDD		CTS	18
9	RST		DTR	23
			DSR	22
			DCD	24
			CLK/RI	1
3	D+		TXLED/IO0	14
4	D-		RXLED/IO1	13
			RS485/IO2	12
			WAKEUP/IO3	11
2*2	GND		SUSPEND	17
			SUSPEND	15

+5V

C1 4.7uF
C2 4.7uF
+3V3
GND

R1B 2 7
10K

USB — Micro USB — Hirose ZX62-B-5PA

VBUS
D-
D+
ID
GND
SHIELD

D1 ESDLC5V0M5

GND   GND   GND

TXD
RXD

+3V3
R1A 1 8
10K

+5V D2 PMEG3020EJ

J1
6
TXD 5
RXD 4
3
EN 2
IO0 1
GND

EN
DTR 6 R1C 3 Q1G$1 MMDT3904
10K

RTS 4 R1D 5 MMDT3904 Q1G$2
10K
IO0

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