USB — GND, VBUS, D-, D+

F1 500mA

3.3V

C2 0.1uF — GND
C5 10uF — GND
C1 0.1uF — GND
SJ2

U1 — FT232R

Pin	Name		Name	Pin
16	USBDM	TXD		1	TX-O
15	USBDP	RXD		5	RX-I
20	VCC	CTS		11	CTS
17	3V3OUT	RTS		3	RTS
4	VCCIO	DTR		2	DTR
		DSR		9	DSR
27	OSCI	DCD		10	DCD
28	OSCO	RI		6	RI
19	RESET				
26	TEST	TXLED		23	TXLED
25	AGND	RXLED		22	RXLED
7	GND7	PWREN		14	PWREN
18	GND18	TXDEN		13	TXDEN
21	GND21	SLEEP		12	SLEEP

VCC — R1 330, R2 330
LED1 Red, LED2 Green
R3 330
LED3 Green — GND

3.3V
TX-O 2
RX-I 3
JP5 — GND

U2 — RS485

RO	VCC
/RE	B
DE	A
DI	GND

RX-I, TXDEN, TX-O
VCC — B, A
C3 0.1uF — GND
GND

P1 — TP1 TP2 TP3 TP4 — P2
V+ B A
4 3 2 1 ... 4 3 2 1
GND
R4 220

Power JP4
1
2
V+
GND

V+
R5 1k
LED4 Green
GND

POWER_JACKPTH
JP2
V+
GND

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