



Ausgang zur Schaltung

USB-Spannung

+5V

VCC

VCC

VCC

VCC

alternativ
bestücken!

+5V

GND

GND

GND

GND

GND

GND

GND

GND

GND

GND

GND

180R

R3

LED3

C4

100n

R1

1k

UART

4

3

2

1

JP1

4

3

2

1

LED1

THT

LED2

SMD

180R

R2

IC3

FT232RL

IRF7220

Q1

C3

100n

C1

100n

C2

100n

C5

10µ

1

5

3

11

2

9

10

6

23

22

13

14

12

26

7

18

21

20

4

19

27

28

17

15

16

25

D+

D-

VUSB

GND

USB

1

2

3

4

C

B

A

C

B

A