

## BOM

ID	Bezeichner
1	D4,D5
2	U9,U10,U11,U12,U13,U14,U15,U16
3	USB2
4	USB1
5	SW1
6	S2
7	S1
8	SW2
9	J2
10	J4
11	U3
12	R11,R2,R5,R7,R8,R10,R15,R16,R19
13	J8
14	C1,C4,C5,C9,C10,C11,C12,C13,C14,C15,C21,C24,C25,C29,C30,C31,C32,C33,C34,C35
15	C2,C3,C22,C23
16	C6,C7,C8,C26,C27,C28
17	C16,C17,C18,C19,C20
18	D3
19	D6
20	D7
21	D8
22	D9
23	J1
24	J3,J6
25	J5
26	J7
27	J9
28	J10
29	J11
30	J12
31	L1
32	R1,R6,R9,R20
33	R3,R4,R17,R18
34	R12
35	R13,R14
36	R21,R22,R23,R24
37	U1,U7
38	U2,U8
39	U4
40	U5
41	U6
42	Y1,Y2
43	D1
44	J13

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Gehäuse	Stückzahl	Bezeichnung
D_SOD-123	2	D_Schottky
WS2812B-2020	8	WS2812B-2020
USB-micro-B-Amph-10118194	1	USB PC
USB-micro-B-Amph-10118194	1	USB TARGET
DIPT-1188E	1	RESET
DIPT-1188E	1	S2
DIPT-1188E	1	S1
KMR2-Switch	1	BOOT
PinHeader_2x10_P2.54mm_Vertical	1	LP Header left
PinHeader_2x10_P2.54mm_Vertical	1	LP Extension Heder
QFN-16-1EP_3x3mm_P0.5mm_EP1.7x1.7mm	1	RS2299
R_0603_1608Metric	9	1k
JST-S2B-PH-KL	1	LiPo 3,7V Batt.
C_0603_1608Metric	20	100nF
C_0603_1608Metric	4	22pF
C_0603_1608Metric	6	1uF
C_0805_2012Metric	5	22u
LED_0603_1608Metric	1	Charge
LED_0603_1608Metric	1	PWR
LED_0603_1608Metric	1	BLUE
LED_0603_1608Metric	1	GREEN
LED_0603_1608Metric	1	RED
PinHeader_2x08_P2.54mm_Vertical	1	Target Isolation Jumpers
PinHeader_1x03_P2.54mm_Vertical	2	PWR Header
PinHeader_2x10_P2.54mm_Vertical	1	LP Header right
SolderJumper-2_P1.3mm_Bridged_RoundedPad1.0x1.5mm	1	Jumper
PinHeader_1x03_P2.54mm_Vertical	1	PWR select
PinHeader_1x02_P2.54mm_Vertical	1	DBG_PRGM
PinHeader_1x02_P2.54mm_Vertical	1	UART_DBG
PinHeader_2x08_P2.54mm_Vertical	1	DGB Exp. Header
L_1008_2520Metric	1	4u7
R_0603_1608Metric	4	10k
R_0603_1608Metric	4	27
R_0603_1608Metric	1	2k
R_0603_1608Metric	2	100k
R_0603_1608Metric	4	470
WS0N-8-1EP_6x5mm_P1.27mm_EP3.4x4.3mm	2	25Q32
QFN40P700X700X90-57N	2	RP2040
SOT-23-5	1	MCP73831
SOT-23-5	1	XC9142B50C
SOT-23-5	1	XC6220B33
Crystal_SMD_TXC_7M-4Pin_3.2x2.5mm	2	12MHz
LED_0603_1608Metric	1	LED 0 (RED)
PinHeader_1x02_P2.54mm_Vertical	1	LED 0 EN

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Anbieter und Referenz