Name	Value	reichelt	Conrad	Aliexpress	Others
B1	B140C1000DIP	HDBL 103G	1304808		
C1	100nF	Z5U-2,5 100N			
C2	100nF	Z5U-2,5 100N			
C3	100nF	Z5U-2,5 100N			
C4	100nF	Z5U-2,5 100N			
C5	100nF	Z5U-2,5 100N			
C6	100nF	Z5U-2,5 100N			
C7	22pF	KERKO 22P			
C8	22pF	KERKO 22P			
C9	22pF	KERKO 22P			
C10	22pF	KERKO 22P			
C11	100nF	Z5U-2,5 100N			
C12	100nF	Z5U-2,5 100N			
C13	100nF	Z5U-2,5 100N			
C14	1000uF/16V	RAD 1.000/16			
C15	100n	Z5U-2,5 100N			
C16	100uF/25V	RAD 100/25			
C17	100n	Z5U-2,5 100N			
C18	100uF/25V	RAD 100/25			
C19	1uF	Z5U-5 1,0µ			
C20	1uF	Z5U-5 1,0µ			
CON1	Ext. PWR	AKL 382-03			
	Steckbare Schraubklemme - 3-pol	AKL 369-03			
CON2	DCC	AKL 230-02			
	Steckbare Schraubklemme - 2-pol	AKL 249-02			
CON3	FTDI USB Interface	MPE 094-1-006			
	USB to Serial Adapter Module			FT232RL FTDI USB	
CON4	Neopixel	WSL 6G	741435		
	Pfostenbuchse, 6-polig	PFL 6	742063		
CON5	Analog	WSL 10G	741648		
	Pfostenbuchse, 10-polig	PFL 10	742106		
CON6	Test	MPE 087-1-002			
	Jumper, rot	MPE 149-1-002-F1			
CON7	WS2812D Y/N	MPE 087-1-002			
	Jumper, rot	MPE 149-1-002-F1			
CON8	Ext. PWR (USB/DCC)	MPE 087-1-003			
	Jumper, rot	MPE 149-1-002-F1			
CON9	Digital	BKL 10120552	741552		
	Pfosten-Verbinder 2x4-pol.	BKL 10120864	742086		
CON10	Sign. (Signal)	MPE 087-1-002			
	Jumper, rot	MPE 149-1-002-F1			
CON11	DCC PWR	MPE 087-1-003			
	Jumper, rot	MPE 149-1-002-F1			
D1	1N4148	1N 4148			
D2	1N4148	1N 4148			
D3	1N4148	1N 4148			
F1	PFRA020	PFRA 020			
F2	PFRA135	PFRA 135			
IC1	ATmega328P DCC	ATMEGA 328P-PU	155197		
	IC-Sockel, 28-polig	GS 28-S			
IC2	ATmega328P LED	ATMEGA 328P-PU	155197		
	IC-Sockel, 28-polig	GS 28-S			
IC3	6N137	6N 137			
	IC-Sockel, 8-polig	GS 8			
IC4	DC/DC-Wandler 5V, 5W (L7805CV alt.)			5V Voltage Regulator	
LED1	2x3 Geel		1577371		
LED2	2x3 Wit		1577314		
LED3	2x3 Blauw		1577444		
LED4	2x3 Rood		1577437		
LED5	2x3 Rood		1577437		
LED6	WS2812D				Ben's electronics GT2.28
LED7	WS2812D				Ben's electronics GT2.28
R1	470	1/4W 470			
R2	330	1/4W 330			
R3	10K	1/4W 10K			
R4	10K	1/4W 10K			
R8	1K	1/4W 1,0K			
R9	10K	1/4W 10K			
R10	75	1/4W 75			
R11	75	1/4W 75			
R12	1K	1/4W 1,0K			
R13	470	1/4W 470			
R14	1K	1/4W 1,0K			
R15	22K	1/4W 22K			
R16	4K7	1/4W 4,7K			
S1	LED Test		705325		
S2	Sim Inp		705325		
S3	Inp Test		705325		
S4	Reset DCC		705325		
S5	Reset LED		705325		
X1	16 MHz	16,0000-HC49U-S	155145		
X2	16 MHz	16,0000-HC49U-S	155145		

Liste: https://www.reichelt.de/my/1756073

WS2812D LED: https://www.benselectronics.nl/ws2812d-rgb-5mm-led-diffuus.html
USB to Serial Adapter Module: https://www.aliexpress.com/item/32826575637.html
DC/DC-Wandler 5V, 5W (L7805CV alt.): https://nl.aliexpress.com/item/4000549890103.html