

*** KC87.20 modular ***

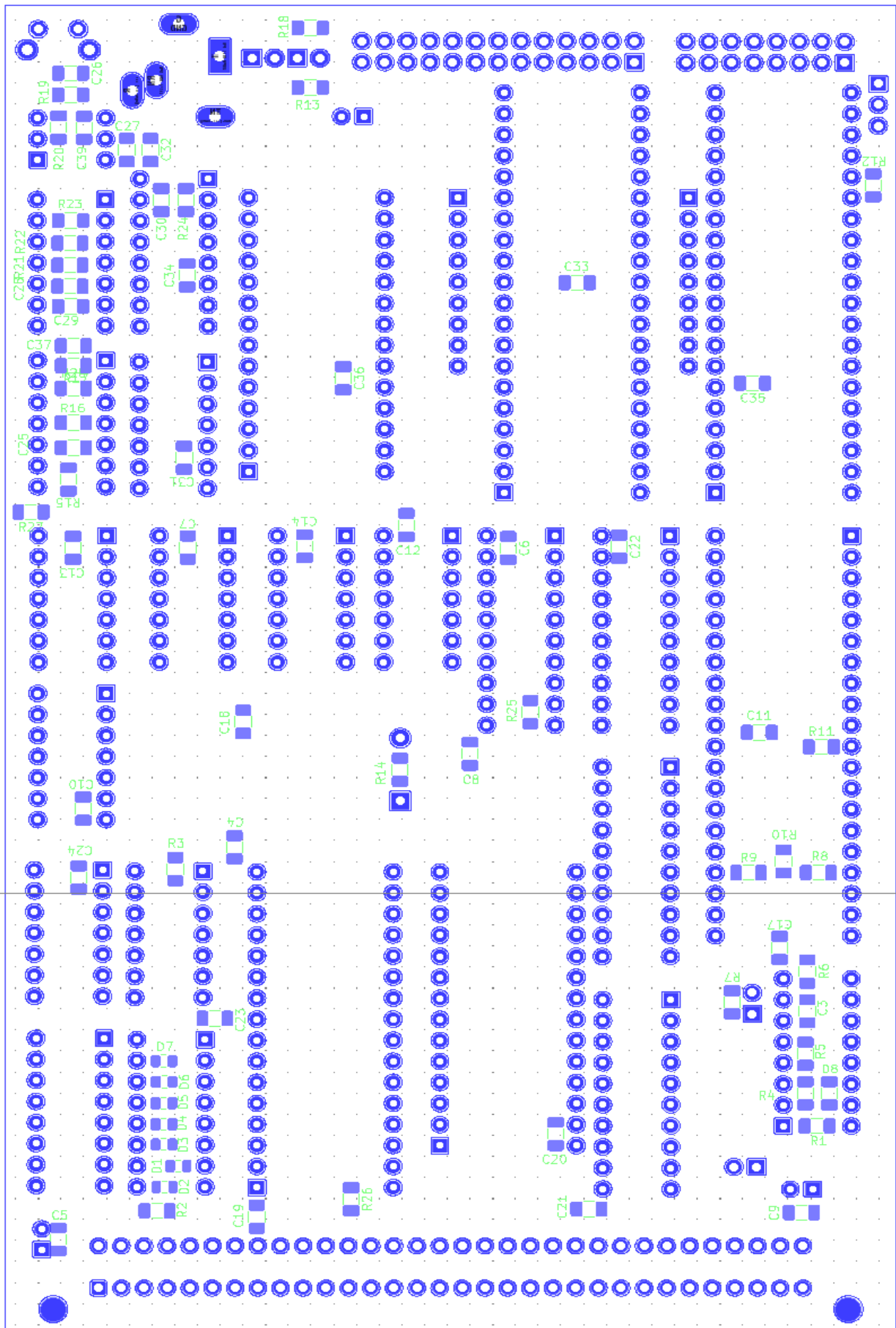
Der „Nachbau“ des legendären Kleincomputer KC87 aus der DDR auf zwei Eurokarten 160 x 100 mm mit DIN-Stecker 64-polig und K1520-Standard.
Aufgeteilt in ZRE (Zentrale Recheneinheit) und BWS (Bildausgabe).

ZRE:

SMD – Stückliste für die Unterseite (Bot)

	Sour ced	Plac ed	References	Value	Footprint	Quantity
1	<input type="checkbox"/>	<input type="checkbox"/>	C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C17, C18, C19, C20, C21, C22, C23, C24, C32, C33, C34, C35, C36, C37	100n	C_1206_3216Metric	25
2	<input type="checkbox"/>	<input type="checkbox"/>	C3, C25, C28, C29, C31	1n	C_1206_3216Metric	5
3	<input type="checkbox"/>	<input type="checkbox"/>	C26	2µ2	C_1206_3216Metric	1
4	<input type="checkbox"/>	<input type="checkbox"/>	C27	15	C_1206_3216Metric	1
5	<input type="checkbox"/>	<input type="checkbox"/>	C30	100	C_1206_3216Metric	1
6	<input type="checkbox"/>	<input type="checkbox"/>	C39	10µ	C_1206_3216Metric	1
7	<input type="checkbox"/>	<input type="checkbox"/>	R1, R2, R3, R7, R8, R9, R10, R11, R12, R26, R27, R28	4k7	R_1206_3216Metric	12
8	<input type="checkbox"/>	<input type="checkbox"/>	R13, R14, R18	1k	R_1206_3216Metric	3
9	<input type="checkbox"/>	<input type="checkbox"/>	R20, R21, R22	100k	R_1206_3216Metric	3
10	<input type="checkbox"/>	<input type="checkbox"/>	R5, R6	18k	R_1206_3216Metric	2
11	<input type="checkbox"/>	<input type="checkbox"/>	R4	10k	R_1206_3216Metric	1
12	<input type="checkbox"/>	<input type="checkbox"/>	R15	13k	R_1206_3216Metric	1
13	<input type="checkbox"/>	<input type="checkbox"/>	R16	470	R_1206_3216Metric	1
14	<input type="checkbox"/>	<input type="checkbox"/>	R17	33k	R_1206_3216Metric	1
15	<input type="checkbox"/>	<input type="checkbox"/>	R19	100	R_1206_3216Metric	1
16	<input type="checkbox"/>	<input type="checkbox"/>	R23	3k9	R_1206_3216Metric	1
17	<input type="checkbox"/>	<input type="checkbox"/>	R24	27k	R_1206_3216Metric	1
18	<input type="checkbox"/>	<input type="checkbox"/>	R25	150	R_1206_3216Metric	1
19	<input type="checkbox"/>	<input type="checkbox"/>	D2, D3, D4, D5, D6, D7		C_0805_2012Metric	6
20	<input type="checkbox"/>	<input type="checkbox"/>	D1	7xBat43WS	C_0805_2012Metric	1
21	<input type="checkbox"/>	<input type="checkbox"/>	D8	4148	C_1206_3216Metric	1

Bestückungsplan Unterseite (SMD 1206 oder 0805).

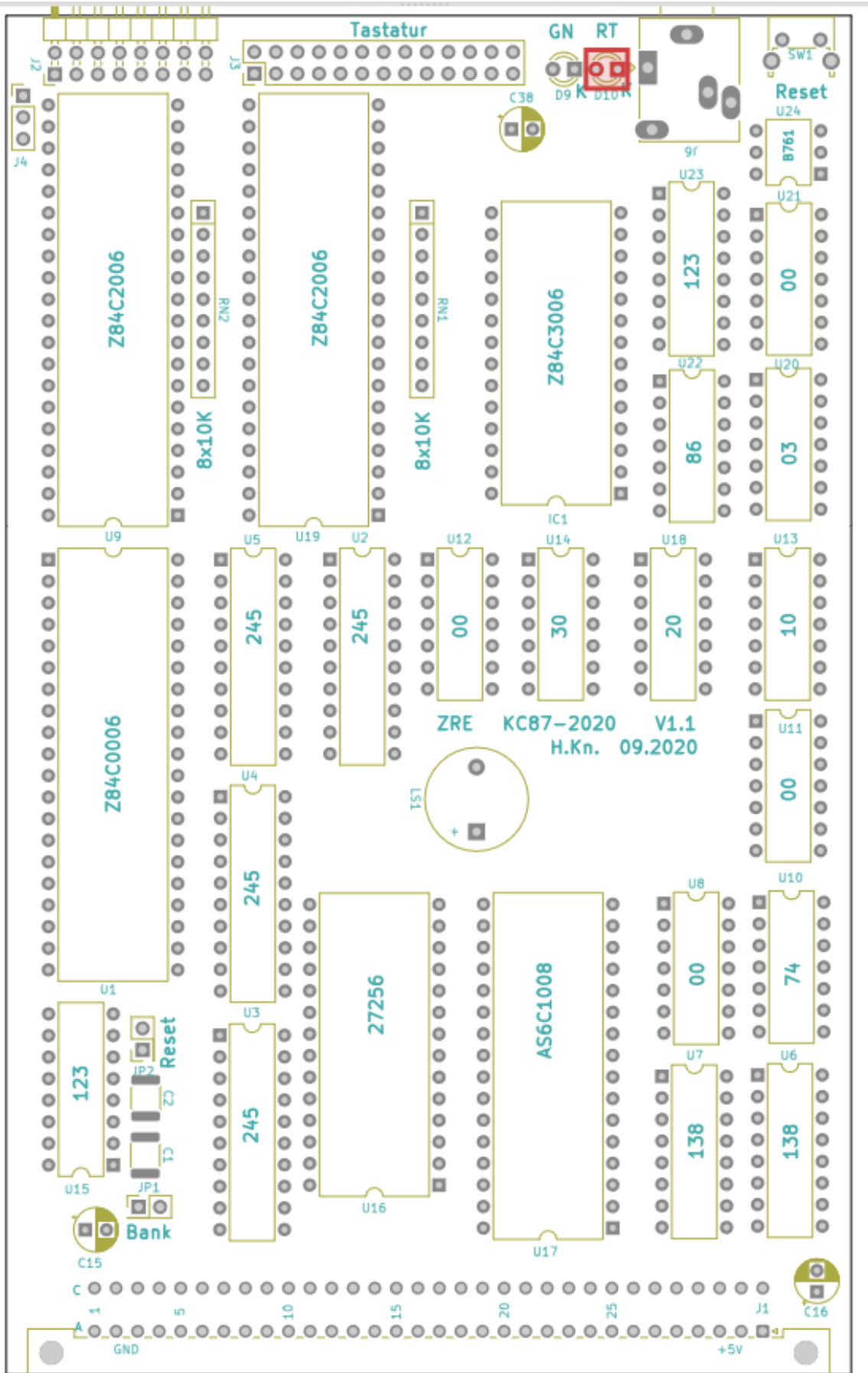


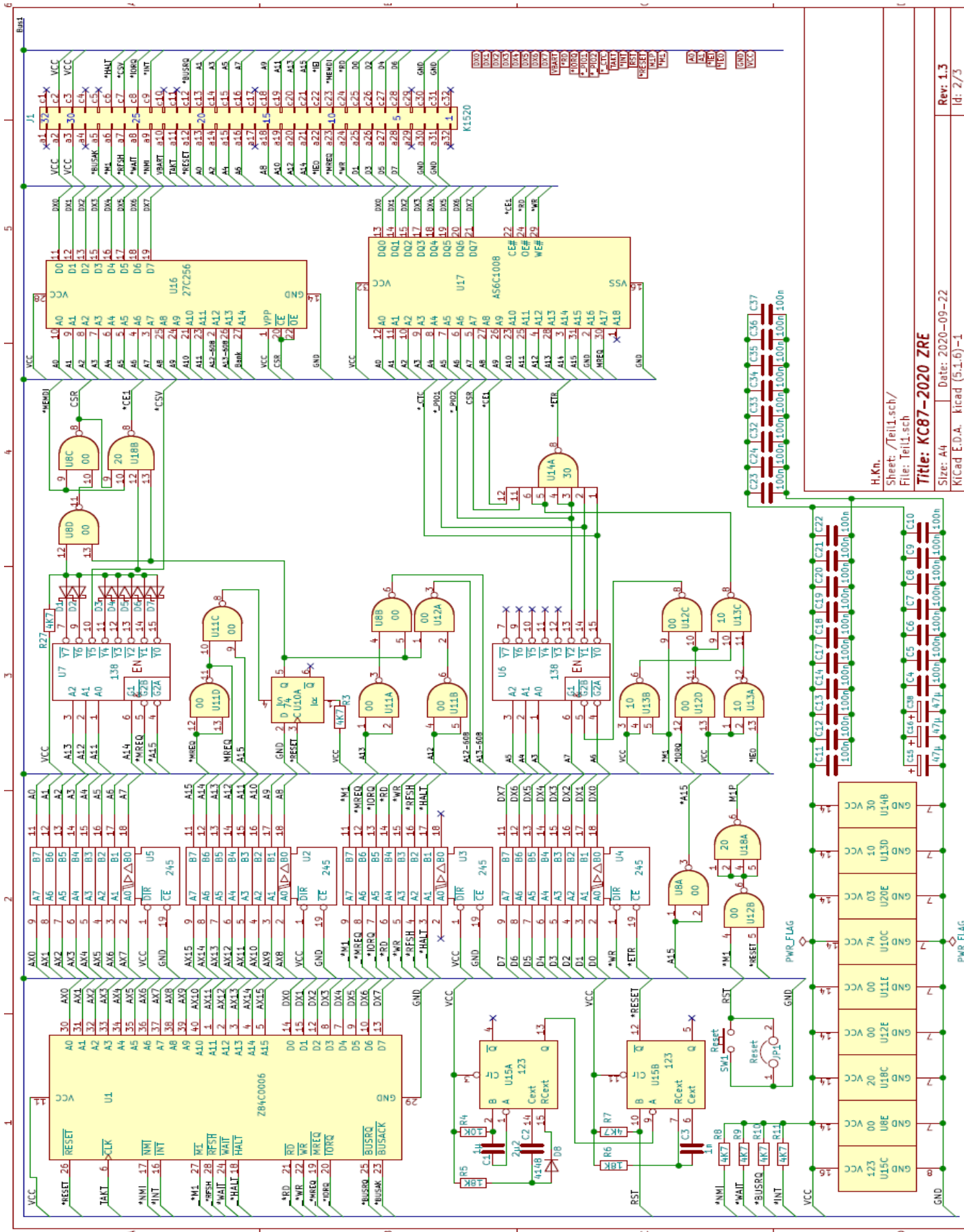
Stückliste für die Oberseite (Top)

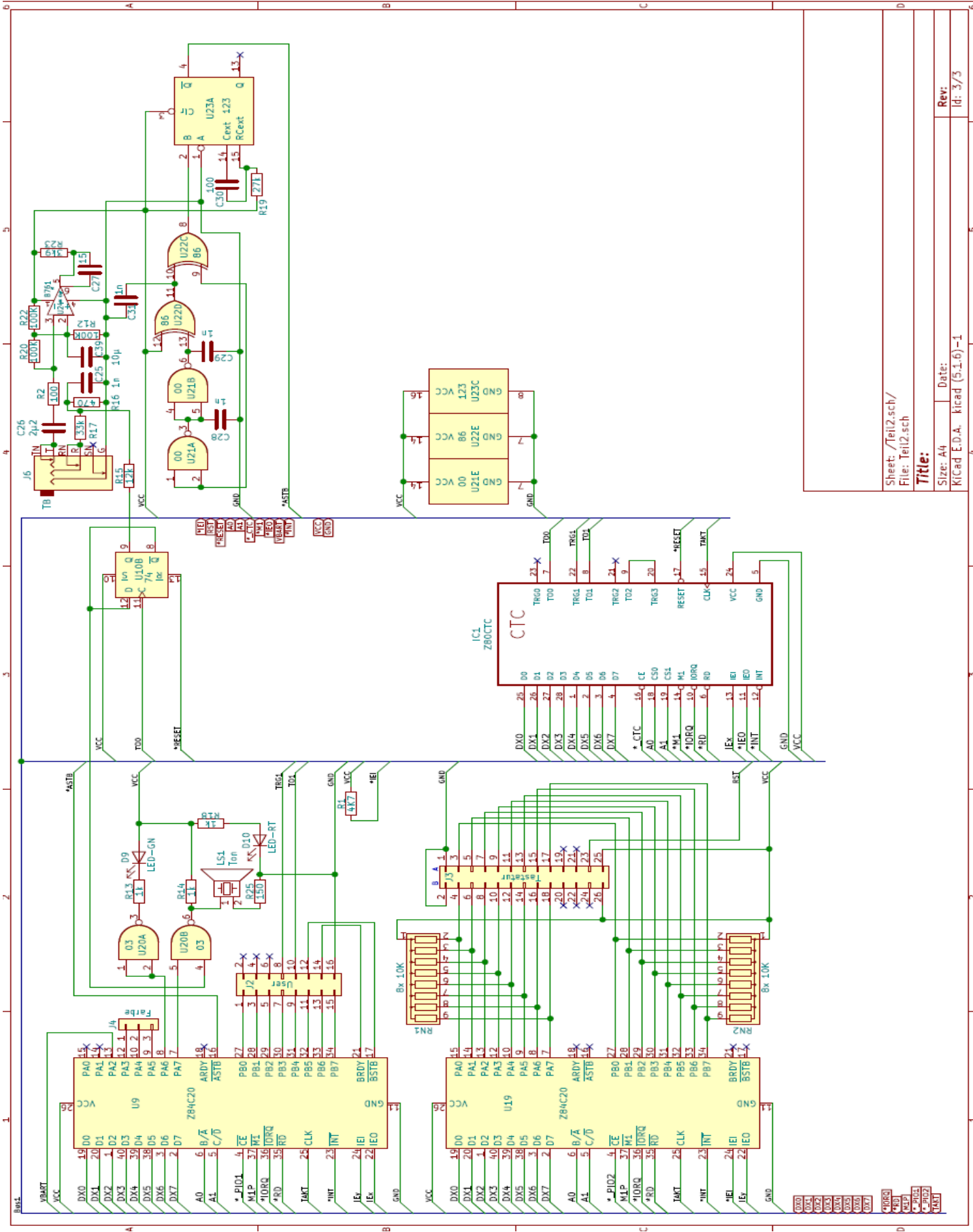
	Sour ced	Plac ed	References	Value	Footprint	Quantity
1	<input type="checkbox"/>	<input type="checkbox"/>	C15, C16, C38	47µ	CP_Radial_D5.0mm_P2.50mm	3
2	<input type="checkbox"/>	<input type="checkbox"/>	C1	1µ	C_1812_4532Metric	1
3	<input type="checkbox"/>	<input type="checkbox"/>	C2	2µ2	C_1812_4532Metric	1
4	<input type="checkbox"/>	<input type="checkbox"/>	D9	LED-GN	LED_D3.0mm	1
5	<input type="checkbox"/>	<input type="checkbox"/>	D10	LED-RT	LED_D3.0mm	1
6	<input type="checkbox"/>	<input type="checkbox"/>	U8, U11, U12, U21	00	DIP-14_W7.62mm	4
7	<input type="checkbox"/>	<input type="checkbox"/>	U10	74	DIP-14_W7.62mm	1
8	<input type="checkbox"/>	<input type="checkbox"/>	U13	10	DIP-14_W7.62mm	1
9	<input type="checkbox"/>	<input type="checkbox"/>	U14	30	DIP-14_W7.62mm	1
10	<input type="checkbox"/>	<input type="checkbox"/>	U18	20	DIP-14_W7.62mm	1
11	<input type="checkbox"/>	<input type="checkbox"/>	U20	03	DIP-14_W7.62mm	1
12	<input type="checkbox"/>	<input type="checkbox"/>	U22	86	DIP-14_W7.62mm	1
13	<input type="checkbox"/>	<input type="checkbox"/>	U6, U7	74LS138	DIP-16_W7.62mm	2
14	<input type="checkbox"/>	<input type="checkbox"/>	U15, U23	123	DIP-16_W7.62mm	2
15	<input type="checkbox"/>	<input type="checkbox"/>	U2, U3, U4, U5	74LS245	DIP-20_W7.62mm	4
16	<input type="checkbox"/>	<input type="checkbox"/>	U16	27C256	DIP-28_W15.24mm	1
17	<input type="checkbox"/>	<input type="checkbox"/>	U17	AS6C1008	DIP-32_W15.24mm	1
18	<input type="checkbox"/>	<input type="checkbox"/>	U9, U19	Z84C20	DIP-40_W15.24mm	2
19	<input type="checkbox"/>	<input type="checkbox"/>	U1	Z84C0006	DIP-40_W15.24mm	1
20	<input type="checkbox"/>	<input type="checkbox"/>	U24	B761	DIP-6_W7.62mm	1
21	<input type="checkbox"/>	<input type="checkbox"/>	SW1	Reset	SW_Tactile_SPST_Angled_PTS645V x58-2LFS	1
22	<input type="checkbox"/>	<input type="checkbox"/>	LS1	Ton	Buzzer_12x9.5RM7.6	1
23	<input type="checkbox"/>	<input type="checkbox"/>	IC1	Z84C3006	DIP-28_W15.24mm	1
24	<input type="checkbox"/>	<input type="checkbox"/>	JP1	Bank	PinHeader_2x01_P2.54mm_Vertica 1	1
25	<input type="checkbox"/>	<input type="checkbox"/>	JP2	Reset	PinHeader_2x01_P2.54mm_Vertica 1	1
26	<input type="checkbox"/>	<input type="checkbox"/>	RN1, RN2	10k	R_Array_SIP9	2

27	<input type="checkbox"/>	<input type="checkbox"/>	J1	Conn_02x32_Row_L etter_First	DIN41612_C_2x32_Male_Horizonta 1_THT	1
28	<input type="checkbox"/>	<input type="checkbox"/>	J6	TB	Jack_3.5mm_Ledino_KB3SPRS_Hori zontal	1
29	<input type="checkbox"/>	<input type="checkbox"/>	J4	Farbe	PinHeader_1x03_P2.54mm_Vertica 1	1
30	<input type="checkbox"/>	<input type="checkbox"/>	J2	User	PinHeader_2x08_P2.54mm_Horizon tal	1
31	<input type="checkbox"/>	<input type="checkbox"/>	J3	Tastatur	PinHeader_2x13_P2.54mm_Vertica 1	1

Bestückungsplan Oberseite (Top)







Sheet: /Tel12.sch/
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Title:

Size: A4

Date:

Rev:

Id: 3/3

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