

Tabelle1

Bauteilliste Sidblaster Tic-Tac (Rev.1.2)

<u>Bauteil</u>	<u>Bezeichnung</u>	<u>Anzahl</u>	<u>Bauform</u>	<u>Bemerkung</u>	<u>Reichelt</u>
U1	PIC 16F886-I/SP	1	S-DIL-28	PIC-Controller S-DIL-28	PIC 16F886-I/SP
U2	FT232RL	1	SSOP 28	USB UART IC, SSOP 28	FT 232 RL
U3	MOS 6581 or 8580	1	DIL-28	<i>C64 Sound Interface Device SID</i>	-
U4	MT3608	1	6-pin SOT-23	<i>Power Step-Up</i>	-
L1 (F1)	BEAD 92-99	1		EMV Doppel-Ferrit-Entstörfilter,50 Ohm @ 10 MHz	BEAD 92-99
L2	4,7-22µH/1.2MHz	1		Chip-Induktivität, 1212FPS, 10 µH	L-1212FPS 10µ
C1	10nF	1	0805	SMD-Vielschicht-Keramikkondensator 10N, 10%	X7R-G0805 10N
C2,C3,C4,C5,C6,C7,C20,C21	100nF	8	0805	SMD-Vielschicht-Keramikkondensator 100N, 10%	X7R-G0805 100N
C8, C9	100nF	2	25x50	Keramik-Kondensator 100N	KERKO 100N
C10,C11	22µF	2	2-4	Elektrolytkondensator, 5x11mm, RM 2,0mm	RAD 22/16
C18	1000pF	1	25x50	Keramik-Kondensator 1,0N	KERKO 1,0N
C77,C79	10µF	2		<i>Bipolar, Audio, NICHICON UES1E100MDM</i>	-
C70,C71	470pF	2	25x50	Keramik-Kondensator 470P	KERKO 470P
C72,C73	22nF	2	25x50	Keramik-Kondensator 22N	KERKO 22N
C82,C83	2200pF	2	25x50	Keramik-Kondensator 2,2N	KERKO 2,2N
C80,C81	1800pF	2	25x50	Keramik-Kondensator 1,8N	KERKO 1,8N
R9,R14	10K	2	207/10	Metalloxyd-widerstand 1W, 5%, 10 K-Ohm	1W 10K
R8,R12	1K	2	207/10	Metalloxyd-widerstand 1W, 5%, 1,0 K-Ohm	1W 1,0K
R20,R21	1K	2	0805	SMD-Chipwiderstand 0805, 1,00 kOhm, 0,1%	SPR-0805 1,00K
R22	47K	1	0805	SMD-Chipwiderstand 0805, 47,0 kOhm, 0,1%	SPR-0805 47,0K
R23	18K	1	0805	SMD-Chipwiderstand 0805, 18,0 kOhm, 0,1%	SPR-0805 18,0K
R1, R2	270	2	0805	SMD-Chip-Widerstand, Bauform 0805, 270 Ohm	SMD-0805 270
J1,J2 (Audio-Jack)	NEUTRIK NR-J4HF	2		Neutrik-Klinkenbuchse, 6,35mm, mono, Slim	NEUTRIK NR-J4HF
X1 (USB)	LUM 2411-02	1		USB-Einbaukupplung, Typ B, gew., PCB	LUM 2411-02
D1	SS26	1	DO-214AB/SMC	Schottky-Diode, DO214AC, 60V, 2A DO-214AC/SMA	SK 26A SMD
LED 1	SMD LED Blau	1	1206	LED EL 1206 BL :: LED, SMD 3216 (1206), 285 mcd, blau	LED EL 1206 BL
LED 2	SMD LED Rot	1	1206	LED EL 1206 BL :: LED, SMD 3216 (1206), 285 mcd, rot	LED EL 1206 RT
T1	BC237/PN2222	1	TO92	Transistor NPN TO-92 40V 0,6A 0,625W	PN 2222A
IC-Sockel	IC-Sockel, 28-polig	1	DIL-28	IC-Sockel, 28-polig, doppelter Federkontakt	GS 28
Montagemutter Rot	NEUTRIK NR-JNUTR	1		Neutrik-Montagemutter, rot	NEUTRIK NR-JNUTR
Montagemutter Schwarz	NEUTRIK NR-JNUTB	1		Neutrik-Montagemutter, schwarz	NEUTRIK NR-JNUTB
JP1, JP2, JP3, JP4, JP5, SV2	Stiftleiste 2,54mm	1	2,54mm	Stiftleisten 2,54 mm, 1X20, gerade	MPE 087-1-020
SV1	ISP	1	2,54mm	Doppelreihige Stiftleiste, 6 Pin	MPE 087-2-006
Jumper Blau	Jumper Blau	2	2,54mm	Kurzschlussbrücke, blau, RM 2,54, vergoldet	JUMPER 2,54 BL
Jumper Grün	Jumper Grün	2	2,54mm	Kurzschlussbrücke, grün, RM 2,54, vergoldet	JUMPER 2,54 GN
Jumper Rot	Jumper Rot	1	2,54mm	Kurzschlussbrücke, rot, RM 2,54, vergoldet	JUMPER 2,54 RT