

# TWSSIO\_V1.0-Siemens

# Stückliste

Stand 28.04.2022

ID	Bauteil Bezeichnung	Bauteil Art	Wert	Footprint	Menge	Händler	Supplier Part
1	C1	Kondensator	47uF	CAP-SMD_L3.5-W2.8-R-RD	1	Reichelt	TAJ 3528 47/10
2	C4	Kondensator	22uF	CAP-SMD_L7.3-W4.3-FD	1	Reichelt	T491D 22U 25
3	C10,C11	Kondensator	22pF	C1206	2	Reichelt	KEM COG1206 22P
4	C14,C2,C3,C5,C6,C7,C8,C9,C12,C13,C15,C16,C17,C18,C19,C20,C21,C22,C23,C24,C25,C26,C27,C28,C29	Kondensator	100nF	C1206	25	Reichelt	KEM X7R1206B100N
5	R37,R58,R74,R6,R7,R8,R9,R10,R11,R12,R13,R14,R15,R17,R18,R19,R20,R21,R26,R27,R28,R29,R30,R31,R32,R33,R34,R35,R36,R38,R39,R40,R41,R57,R59,R60,R61,R62,R63,R64,R65,R66,R67,R68,R69,R70,R71,R72,R73,R75,R76,R77,R78,R79,R80,R81,R82,R83,R84,R85,R86,R87,R16,R88	Widerstand	10kΩ	R1206	64	Reichelt	SMD 1/4W 10K
6	R115,R42,R43,R44,R45,R46,R47,R48,R49,R50,R51,R52,R53,R54,R55,R56,R89,R90,R91,R92,R93,R94,R95,R96,R97,R98,R99,R100,R101,R102,R103,R104,R105,R106,R107,R108,R109,R110,R111,R112,R113,R114,R116,R117,R118,R119,R120,R121	Widerstand	300Ω	R1206	48	Reichelt	RND 155HP06 CE
7	R22,R23,R24,R25	Widerstand	4,7kΩ	R1206	4	Reichelt	RND 1551206 AR
8	R1,R2,R4	Widerstand	220	R1206_1	3	Reichelt	SMD 1/4W 220
9	R5	Widerstand	1K	R1206_1	1	Reichelt	PAN ERJP08F1001
10	R3	Widerstand	56	R1206_1	1	Reichelt	RND 155HP06 DR
11	L1, 3,3V/1A	Spannungsregler	AMS1117-3.3	SOT-223-3_L6.5-W3.4-P2.30-LS7.0-BR	1	Reichelt	TS 1117 BCW33
12	DC-DC1	Recom	R-78B5.0-1.0L	DC-DC CONVERTER (6.5-32VIN) 5VOUT (TH)	1	Reichelt	R-78B50-10L
13	D2,D3,D1	Brückengleichrichter	B250S-SLIM	DIO-BG-SMD_SO-DIL	3	Reichelt	B250S2A DIO
14	IC27,IC28	Leistungstreiber	XD2981	DIP-18_L23.0-W6.5-P2.54-LS7.6-BL	2	Reichelt	UND 2981
15	IC10,IC11,IC18,IC19,IC22,IC23,IC26	Leistungstreiber	ULN2803ADW	SOP-18_L11.4-W7.6-P1.27-LS10.6-BL	7	Reichelt	ULN 2803 ADW
16	F1,F2	PTC Sicherung	1,1A	FUSE-TH_L7.5-W3.1-P5.10-D0.5-S2.60	2	Reichelt	PTC FRX11060F
17	IC2	DsPIC	DSPIC33FJ64GS606-I/PT	TQFP-64_L10.0-W10.0-P0.50-LS12.0-TL	1		
17	IC2 Alternative	DsPIC	DSPIC33FJ64GS406-I/PT	TQFP-64_L10.0-W10.0-P0.50-LS12.0-TL	1	Reichelt	33FJ64GS406-IPT
18	IC1	RS422/485	MAX3491ESD+T	SOP-14_L8.6-W3.9-P1.27-LS6.0-BL	1	Reichelt	ADM 3491 ARZ
19	IC5	Inverter	74HC14D	SOIC-14_L8.7-W3.9-P1.27-LS6.0-BL	1	Reichelt	74HC 14D NXP
20	IC3,IC4,IC12,IC13,IC14,IC15,IC6,IC7	Schieberegister Parallel In/Serial Out	74HCT597D,652	SO-16_L9.9-W3.9-P1.27-LS6.0-BL	8	Kessler-Elektronik (Kerpen)	
21	IC8,IC9,IC16,IC17,IC20,IC21,IC24,IC25	Schieberegister Serial In/Parallel Out	74HCT595D,118	SOIC-16_L9.9-W3.9-P1.27-LS6.0-BL	8	Reichelt	74HC 595D NXP
22	OSC	Quarz	10MHz	HC-49S_L11.4-W4.8	1	Reichelt	IQD LFX TAL003166
23	RJ1	RJ45 Buchse	RJHSE5385	RJ45-TH_RJHSE5384	1	Reichelt	CAT5 R1U 2.8N4G
24	ICSP1,J2	Stiftleiste 90°	HDR-M-2.54_1x5,HDR-M-2.54	HDR-M-2.54_1X5,HDR-M-2.54	1	Reichelt	BKL 10120522
25	LED1,LED2,LED3	LED	15-21/G6C-AN1P2/2T	LT Y87S	3	Reichelt	LT Y87S
26	IC27,IC28	IC-Sockel		DIP-18_Sockel	2	Reichelt	GS 18
27	P1,P2	Wannen Buchse	CONN_02X32	WANNENBUCHSE_64P_2X32	2	Reichelt	WSL 64G
28	P1,P2	Wannen Stecker		WANNENSTECKER_64P_2X32	4	Reichelt	PFL 64
29	P1,P2	Flachbandkabel		Flachbandkabel	1	Reichelt	AWG 28-34G 3M
30	J1	Buchse	Buchse	CONN-TH_6P-P5.00_XY2500R-B-5.00-6P	1	Reichelt	AKL 330-06
31	J1	Stecker	Stecker			Reichelt	AKL 349-06
32	X1,X4,X5	Buchse	Buchse	CONN-TH_10P-P5.00_XY2500R-B-5.00-10P	3	Reichelt	AKL 330-10
33	X1,X4,X5	Stecker	Stecker		3	Reichelt	AKL 349-10
34	X2,X3	Buchse	Buchse	CONN-TH_P5.00_KF2EDGRC-5.0-2P	2	Reichelt	AKL 330-02
35	X2,X3	Stecker	Stecker		2	Reichelt	AKL 349-02