

## Portables Mikrooptertool 3.9l

08.09.11 Cebra

im Bausatz	Qty	Value	Parts	Device	Conrad	Reichelt	Farnell	IT-WNS	Description
x	1	1M58	R48	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	6	1k	R25, R26, R33, R34, R38, R47	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	1	2k2	R41	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	2	22	R51, R52	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	1	47k	R45	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	3	100k	R39, R49, R50	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	7	240	R8, R21, R23, R24, R31, R32, R36	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	1	309K	R46	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	3	470	R19, R20, R37	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	5	1k8	R7, R9, R10, R11, R13	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	9	3k3	R14, R15, R16, R17, R18, R28, R30, R40, R43	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	1	4k7	R22	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	3	10k	R1, R12, R42, R44	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	2	100	R27, R29	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	3	150	R3, R5, R6	Widerstand SMD 0805	diverse				RESISTOR, European symbol
x	2	PGB101	R53, R54	VARISTORCN0805			1757240		ESD Supressor
x	14	1µ	C6, C7, C8, C9, C10, C13, C15, C16, C17, C18,C21,C23,C26, C29	KerKo SMD 0805	diverse				CAPACITOR, European symbol
x	2	22p	C4, C5	KerKo SMD 0805	diverse				CAPACITOR, European symbol
x	1	33n	C31	KerKo SMD 0805	diverse				CAPACITOR, European symbol
x	8	100n	C3, C12, C14, C19, C27, C30, C32, C33	KerKo SMD 0805	diverse				CAPACITOR, European symbol
x	1	10µ	C22	KerKo SMD 0805	diverse				CAPACITOR, European symbol
x	1	100µF	C24	Elko Low ESR 53CLV-0605		VF 100/16 K-D			POLARIZED CAPACITOR, European symbol
x	3	10µ 16V	C20, C25, C28	Elko-CT7343		SMD TAN.10/35			POLARIZED CAPACITOR, European symbol
x	1	1µ	C11	Elko SMCA		SMD TAN.1.0/16			POLARIZED CAPACITOR, European symbol
x	1	20 MHz	Q1	CRYSTALCTS406	155953				Quarz
x	1	L-PISG 4,7µH	L2	L-EUPISG, Pulse P0770.472T	437022 - 62	L-PISG 4,7µH			Power Induktivität
x	1	10µH	L1	LQH3C, FASTERON 1008AS-100K	434154 - 62	LQH3N 10µ			Induktivität
x	4	SD 103BW	D3, D4, D6, D8, D9	DIODE-SOD123	162281 - 62	SD 103BW			DIODE
x	3	SMDZD 3,3	D1, D2, D5	ZENER-DIODESOT23		SMD ZD 3,3			Z-Diode
x	1	MBRS140	D7	SCHOTTKY-DIODESMD	163749 - 62				Schottky Diode
x	1	blau	LED2	LEDCHIPLD_0805	diverse				LED
x	2	gruen	LED3, LED5	LEDCHIPLD_0805	diverse				LED
x	3	rot	LED1, LED4, LED6, LED8	LEDCHIPLD_0805	diverse				LED
x	1	rot	LED7	3mm LED	diverse				LED
x	3	BC847CSMD	T1, T2, T4	BC847CSMD		BC 847C SMD			NPN Transistor
x	1	FDT434P	T3	FDT434P			1611577		MOS-FET
x	2	74HCT125D	IC4, IC5	74HCT125D	145076 - 62				Quad bus BUFFER, 3-state
x	1	FT232RL	IC6	FT232RL		FT 232 RL			USB- Seriellwandler
x	1	LT1308	IC7	LT1308			1663407		500mA, Low Noise, LDO Micropower Regulators
x	1	MAX1811N	IC8	MAX1811N		MAX 1811 ESA			LIPO Laderegler
x	1	MCP1703 3,3V	IC9	MCP1703DB		MCP 1703-3302			250 mA, 16V, Low Quiescent Current LDO Regulator
x	1	Atmega1284P-AU	IC2	Atmega1284P-AU			1715480		Atmel AVR Mikrocontroller
wahlweise	1	IC1-LED	Displaybeleuchtung	EA LED55X46		EA LED55X46-W			EA_DOG-M_BACKLIGHT Weiss
wahlweise	1	EADOGM128	IC1	EA_DOG-M_DISPLAY		EA DOGM128B-6			Display Blau
wahlweise	1	BTM-222 Bluetooth	IC3	BTM-222				BTM222	Bluetooth Modul
wahlweise	1	WI232EUR	IC10	WI232EUR2			1565157		Wi232 RF Modul
x	1	MINI-USB-SHIELD-UXX1		MINI-USB-A		USB BWM SMD			MINI USB Connector
x	1	SMA-	X2	SMA- Buchse		SMA REV BUE-180			SMA 50 Ohm End Launch Jack Receptacle - Round Contact
x	1	PS25/2	X3	PS25/2 Reichelt		PS 25/2W BR			Lipo Stecker
x	4	SMDTASTER	S1, S2, S3, S4	SMDTASTER		TASTER 9320			Taster
x	1	20 pol Buchsenleiste		Präzisionsbuchsenleiste RM2,54mm	741386 - 62				20 pol Buchsenleiste DOGM
x	2	3 pol Buchsenleiste		3mm hoch	741386 - 62				3 pol Buchsenleiste DOGM
x	1	31mm Draht	BT-ANT1	ANTENNA Optional					Antenna
x	1	5V Summer	SG1	F/TMB		SUMMER TDB 05			BUZZER
x	1	FC_HD2X5	SV2	2x5 Pol Pinheader		WSL 10G			10 pol Wannenstecker
x	1	ISP	SV1	6 Pol Pinheader		WSL 6G			6 pol Wannenstecker/Stiftleiste
1		Gehäuse		Strapubox 2062		SP 2062 SW			
x	1	Leiterplatte							
1		Lipo Akku 1S		z.B. AKKU IPOD TOUCH					

Tabelle1