

Tabelle1

		Portables	Mikroko	ptertool 3.9m		25.10.11		Cebra				
				Achtung Bestellnummern ohne Gewährleistung, bitte bestellte Teile Anhand des Datenblattes, speziell auf die Bauform überprüfen								
im Bausatz	Anzahl	Information/Beschrift.	Value	Parts	Device	Package	Conrad	Reichelt	Farnell	IT-WNS	Description	
x	1	1584 blau	1M58	R48	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	6	1001	1k	R25, R26, R33, R34, R38, R47	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	1	2201	2k2	R41	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	2	22R0	22	R51, R52	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	1	4702	47k	R45	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	3	1003	100k	R39, R49, R50	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	7	2400	240	R8, R21, R23, R24, R31, R32, R36	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	1	3093	309K	R46	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	3	4700	470	R19, R20, R37	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	5	1801	1k8	R7, R9, R10, R11, R13	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	9	3301	3k3	R14, R15, R16, R17, R18, R28, R30, R40, R43	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	1	4701	4k7	R22	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	3	1002	10k	R1, R12, R42, R44	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	2	1000	100	R27, R29	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	3	1500	150	R3, R5, R6	Widerstand SMD 0805	0805	diverse				RESISTOR, European symbol	
x	2	Grösse 0603 grün	PGB101	R53, R54	VARISTORCN0805	0603			1757240		ESD Supressor	
x	14	transparent	1µ	C6, C7, C8, C9, C10, C13, C15, C16, C17, C18,C21,C23,C26, C29	KerKo SMD 0805	0805	diverse				CAPACITOR, European symbol	
x	2	beschriftet	22p	C4, C5	KerKo SMD 0805	0805	diverse				CAPACITOR, European symbol	
x	1	Weiss, unbeschriftet	33n	C31	KerKo SMD 0805	0805	diverse				CAPACITOR, European symbol	
x	8	Weiss, unbeschriftet	100n	C3, C12, C14, C19, C27, C30, C32, C33	KerKo SMD 0805	0805	diverse				CAPACITOR, European symbol	
x	1	transparent, unbeschr.	10µ	C22	KerKo SMD 0805	0805	diverse				CAPACITOR, European symbol	
x	1	100CFK	100µF	C24	Elko Low ESR 53CLV-0605	153CLV-0605		VF 100/16 K-D			POLARIZED CAPACITOR, Europe	
x	3	10 25V	10µ 16V	C20, C25, C28	Elko-CT7343	CT7343		SMD TAN.10/35			POLARIZED CAPACITOR, Europe	
x	1	A6E, transparent	1µ	C11	Elko SMC A	SMC_A		SMD TAN.1.0/16			POLARIZED CAPACITOR, Europe	
x	1		20 MHz	Q1	CRYSTALCTS406	CTS406	155953				Quarz	
x	1		L-PISG 4,7µH	L2	L-EUPISG, Pulse P0770.472T	PISG	437022 - 62	L-PISG 4,7µH			Power Induktivität	
x	1	100	10µH	L1	LQH3C, FASTRON 1008AS-100K	LQH3C	434154 - 62	LQH3N 10µ			Induktivität	
x	4	W1	SD 103BW	D3, D4, D6, D8, D9	DIODE-SOD123	SOD123	162281 - 62	SD 103BW			DIODE	
x	3	Z14, 3 Pins	SMDZD 3,3	D1, D2, D5	ZENER-DIODESOT23	SOT23		SMD ZD 3,3			Z-Diode	
x	1	TR14	MBRS140	D7	SCHOTTKY-DIODESMD	SMB	163749 - 62				Schottky Diode	
x	1		blau	LED2	LEDCHIPLED_0805	0805	diverse				LED	
x	2		gruen	LED3, LED5	LEDCHIPLED_0805	0806	diverse				LED	
x	4		rot	LED1, LED4, LED6, LED8	LEDCHIPLED_0805	0807	diverse				LED	
	1		rot	LED7	3mm LED		diverse				LED	
x	3	1Gt	BC847CSMD	T1, T2, T4	BC847CSMD	SOT23		BC 847C SMD			NPN Transistor	
x	1		FDT434P	T3	FDT434P	SOT223			1611577		MOS-FET	
x	2		74HCT125D	IC4, IC5	74HCT125D	SO14	145076 - 62				Quad bus BUFFER, 3-state	
x	1		FT232RL	IC6	FT232RL	SSOP28		FT 232 RL			USB- Seriellwandler	
x	1		LT1308	IC7	LT1308	SOIC8			1663407		500mA, Low Noise, LDO Micropo	
x	1		MAX1811N	IC8	MAX1811N	SO08		MAX 1811 ESA			LIPO Laderegler	
x	1		MCP1703 3,3V	IC9	MCP1703DB	SOT223		MCP 1703-3302			250 mA, 16V, Low Quiescent Curr	
x	1		Atmega1284P-AU	IC2	Atmega1284P-AU	TQFP44			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-UX60-M	X1		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 Re	
x	1		PS25/2	X3	PS25/2 Reichelt			PS 25/2W BR			Lipo Stecker Buchse + Stecker mit	
x	4		SMDTASTER	S1, S2, S3, S4	SMDTASTER			TASTER 9320			Taster	
x	1		20 pol Buchsenleiste		Präzisionbuchsenleiste RM2,54mm			741386 - 62			20 pol Buchsenleiste DOGM	
x	2		3 pol Buchsenleiste		3mm hoch			741386 - 62			3 pol Buchsenleiste DOGM	
	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	

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	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					

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08.09.11

im Bausatz	Anzahl	Information/Beschrift.	Value	Parts	Device
x	1	1584 blau	1M58	R48	Widerstand SMD 0805
x	6	1001	1k	R25, R26, R33, R34, R38, R47	Widerstand SMD 0805
x	1	2201	2k2	R41	Widerstand SMD 0805
x	2	22R0	22	R51, R52	Widerstand SMD 0805
x	1	4702	47k	R45	Widerstand SMD 0805
x	3	1003	100k	R39, R49, R50	Widerstand SMD 0805
x	7	2400	240	R8, R21, R23, R24, R31, R32, R36	Widerstand SMD 0805
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x	5	1801	1k8	R7, R9, R10, R11, R13	Widerstand SMD 0805
x	9	3301	3k3	R14, R15, R16, R17, R18, R28, R30, R40, R43	Widerstand SMD 0805
x	1	4701	4k7	R22	Widerstand SMD 0805
x	3	1002	10k	R1, R12, R42, R44	Widerstand SMD 0805
x	2	1000	100	R27, R29	Widerstand SMD 0805
x	3	1500	150	R3, R5, R6	Widerstand SMD 0805
x	2	Grösse 0603 grün	PGB101	R53, R54	VARISTORCN0805
x	14	transparent	1 μ	C6, C7, C8, C9, C10, C13, C15, C16, C17, C18,C21,C23,C26, C29	KerKo SMD 0805
x	2	beschriftet	22p	C4, C5	KerKo SMD 0805
x	1	Weiss, unbeschriftet	33n	C31	KerKo SMD 0805
x	8	Weiss, unbeschriftet	100n	C3, C12, C14, C19, C27, C30, C32, C33	KerKo SMD 0805
x	1	transparent, unbeschr.	10 μ	C22	KerKo SMD 0805

x	1		100CFK	100µF	C24	Elko Low ESR 53CLV-0605
x	3		10 25V	10µ 16V	C20, C25, C28	Elko-CT7343
x	1		A6E, transparent	1µ	C11	Elko SMCA
x	1			20 MHz	Q1	CRYSTALCTS406
x	1			L-PISG 4,7µH	L2	L-EUPISG, Pulse P0770.472T
x	1		100	10µH	L1	LQH3C, FASTRON 1008AS-100K
x	4		W1	SD 103BW	D3, D4, D6, D8, D9	DIODE-SOD123
x	3		Z14, 3 Pins	SMDZD 3,3	D1, D2, D5	ZENER-DIODESOT23
x	1		TR14	MBRS140	D7	SCHOTTKY-DIODESMD
x	1			blau	LED2	LEDCHIPLED_0805
x	2			gruen	LED3, LED5	LEDCHIPLED_0805
x	3			rot	LED1, LED4, LED6, LED8	LEDCHIPLED_0805
x	1			rot	LED7	3mm LED
x	3		1Gt	BC847CSMD	T1, T2, T4	BC847CSMD
x	1			FDT434P	T3	FDT434P
x	2			74HCT125D	IC4, IC5	74HCT125D
x	1			FT232RL	IC6	FT232RL
x	1			LT1308	IC7	LT1308
x	1			MAX1811N	IC8	MAX1811N
x	1			MCP1703 3,3V	IC9	MCP1703DB
x	1			Atmega1284P-AU	IC2	Atmega1284P-AU

wahlweise	1		IC1-LED	Displaybeleuchtung	EA LED55X46
wahlweise	1		EADOGM128	IC1	EA_DOG-M_DISPLAY
wahlweise	1		BTM-222_Bluetooth	IC3	BTM-222
wahlweise	1		WI232EUR	IC10	WI232EUR2
x	1		MINI-USB-SHIELD-UX60-M	X1	MINI-USB-A
x	1		SMA-	X2	SMA- Buchse
x	1		PS25/2	X3	PS25/2 Reichelt

x	4		SMDTASTER	S1, S2, S3, S4	SMDTASTER
x	1		20 pol Buchsenleiste		Präzisionsbuchsenleiste RM2,54mm
x	2		3 pol Buchsenleiste		3mm hoch
	1		31mm Draht	BT-ANT1	ANTENNA Optional
x	1		5V Summer	SG1	F/TMB
x	1		FC_HD2X5	SV2	2x5 Pol Pinheader
	1		ISP	SV1	6 Pol Pinheader
	1		Gehäuse		Strapubox 2062
x	1		Leiterplatte		
	1		Lipo Akku 1S		z.B. AKKU IPOD TOUCH

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