

Tabelle1

PKT Leiterplatte 3.9x

12/2012

1	BLUETOOTH		ANTENNAPAD02	PAD-02	3,1 cm Draht
2	C1, C2	optional	C-EUC0805	C0805	CAPACITOR, European symbol
10	C3, C12, C14, C19, C27, C30, C32, C33, C36, C37	100n	C-EUC0805	C0805	CAPACITOR, European symbol
2	C4, C5	22p	C-EUC0805	C0805	CAPACITOR, European symbol
14	C6, C7, C8, C9, C10, C13, C15, C16, C17, C18, C26, C29, C34, C35	1µ	C-EUC0805	C0805	CAPACITOR, European symbol
1	C11	1µ	CPOL-EUSMCA	SMC_A	POLARIZED CAPACITOR, European symbol
3	C20, C25, C28	10µ 16V	CPOL-EUCT7343	CT7343	POLARIZED CAPACITOR, European symbol
2	C21, C23	1u	C-EUC0805	C0805	CAPACITOR, European symbol
1	C22	10u	C-EUC0805	C0805	CAPACITOR, European symbol
1	C24	100uF	CPOL-EU153CLV-0605	153CLV-0605	POLARIZED CAPACITOR, European symbol
1	C31	33n	C-EUC0805	C0805	CAPACITOR, European symbol
3	D1, D2, D5	SMDZD 3,3	ZENER-DIODESOT23	SOT23	Z-Diode
4	D4, D6, D8, D9	SD 103BW	DIODE-SOD123	SOD123	DIODE
1	D7	MBRS140	SCHOTTKY-DIODESMD	SMB	Schottky Diode
1	IC1	EADOGM128	EA_DOG-M_DISPLAY	E_DOG-M_DISPLAY	
1	IC2	ATMEGA1284P-AU	ATMEGA644PA	TQFP44	
1	IC3	BTM-222_Bluetooth	BTM-222_SERIALBTMSER	BTM-222SER	
2	IC4, IC5	74HCT125D	74HCT125D	SO14	Quad bus BUFFER, 3-state
1	IC6	FT232RL	FT232RL	SSOP28	Source: http://www.ftdichip.com/Documents/DataSheets/DS_FT232R_v104.pdf
1	IC7	LT1308	LT1308	SOIC8	
1	IC8	MAX1811N	MAX1811N	SO08	
1	IC9	MCP1703 3,3V	MCP1703DB	SOT223	250 mA, 16V, Low Quiescent Current LDO Regulator
1	IC10	WI232EUR	WI232EUR2	WI232EURSMD	
1	IC11	25LC080SN/ Optinonal,	noch nicht festgelegt	SO-08	Serial EEPROM 4K/ 8K , SPI bus
1	JP1	optional	PINHD-1X08_2.54-S	1X08-S	PIN HEADER
1	L1	10uH	LQH3C	LQH3C	
1	L2	L-PISG 4,7µ	L-EUPISG	PISG	
3	LED1, LED4, LED6	rot	LEDCHIPLED_0805	CHIPLED_0805	LED
1	LED2	blau	LEDCHIPLED_0805	CHIPLED_0805	LED
2	LED3, LED5	gruen	LEDCHIPLED_0805	CHIPLED_0805	LED
	LED7	rot optional	LED3MM	LED3MM	LED
1	LED8	rot	LEDCHIPLED_0805	CHIPLED_0805	LED
1	Q1	20 MHz	CRYSTALCTS406	CTS406	CRYSTAL
5	R1, R12, R22, R42, R44	10k	R-EU_R0805	R0805	RESISTOR, European symbol
2	R2, R4	optional	R-EU_R0805	R0805	RESISTOR, European symbol
3	R3, R5, R6	150	R-EU_R0805	R0805	RESISTOR, European symbol
5	R7, R9, R10, R11, R13	1k8	R-EU_R0805	R0805	RESISTOR, European symbol
6	R8, R21, R23, R24, R31, R32	240/270 wahlweise	R-EU_M0805	M0805	RESISTOR, European symbol
9	R14, R15, R16, R17, R18, R28, R30, R40, R43	3k3	R-EU_R0805	R0805	RESISTOR, European symbol
3	R19, R20, R37	470	R-EU_M0805	M0805	RESISTOR, European symbol
6	R25, R26, R33, R34, R38, R47	1k	R-EU_M0805	M0805	RESISTOR, European symbol
2	R27, R29	100	R-EU_R0805	R0805	RESISTOR, European symbol
1	R35	0 Ohm, im Layout vorhanden	R-EU_M0805	M0805	RESISTOR, European symbol
1	R36	270	R-EU_M0805	M0805	RESISTOR, European symbol
3	R39, R49, R50	100k	R-EU_M0805	M0805	RESISTOR, European symbol
1	R41	2k2	R-EU_M0805	M0805	RESISTOR, European symbol
1	R45	47k	R-EU_M0805	M0805	RESISTOR, European symbol
1	R46	309K	R-EU_M0805	M0805	RESISTOR, European symbol
1	R48	1M58	R-EU_M0805	M0805	RESISTOR, European symbol

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2	R51, R52	22	R-EU_M0805	M0805	RESISTOR, European symbol
2	R53, R54	PGB101	VARISTORCN0805	CT/CN0805	VARISTOR
1	R55	3K3	R-EU_R0805	R0805	RESISTOR, European symbol
4	S1, S2, S3, S4	SMDTASTER	SMDTASTER	SMDTASTER	
1	S5	Reset optional	SMDTASTER	SMDTASTER	
1	SG1	Summer	F/TMB	F/TMB	BUZZER Source: Buerklin
1	SV1	ISP optional	ML6	ML6	HARTING
1	SV2	FC_HD2X5	FC_HD2X5	FC2X5	
3	T1, T2, T4	BC847CSMD	BC847BSMD	SOT23	NPN Transistor
1	T3	FDT434P	FDT434P	SOT223	
1	X1	MINI-USB-A	MINI-USB-SHIELD-UX60-MB-5ST	UX60-MB-5ST	MINI USB Connector
1	X2	SMA-	SMA-	SMA-REVERSE-MALE	SMA 50 Ohm End Launch Jack Receptacle - Round Contact
1	X3	PS25/2	PS25/2	PS25/2	