

Stückliste

Fertigungsserie

Projekt-File:	BiDiBone_V1.1.sch	
Projekt:	BiDiBone SMD-Version	Bauteile werden vom Platinenhersteller bestückt
Revision:	V1.1	alternatives Package zu vorheriger Komponente
Kunde:	--	manuelle Bestückung durch den Anwender
Bearbeiter:	C.Schörner	Bauteile werden nicht bestückt



Toleranzen: Widerstände: 5%, Kondensatoren, Spulen 20%, wenn nichts angegeben wurde.

Alle Bauteile herstellerunabhängig, wenn Eintrag in der Spalte Hersteller nicht mit !! beginnt.

Stücklisten Version 1.3

Pos	Menge	Bezeichnung	Wert	Beschreibung	Bauform	Hersteller	Hersteller Nr.
Erstell-Datum:		22.02.2013		08:54:39			
Druck-Datum:		05-Oct-13		11:45:11 AM			
1	1	C1	100nF	100nF Capacitor ceramic X7R, 20%, >10V	C-0603		
2	1	C2	100nF	100nF Capacitor ceramic X7R, 20%, >10V	C-0603		
3	1	C3	100nF	100nF Capacitor ceramic X7R, 20%, >10V	C-0603		
4	1	C4	100nF	100nF Capacitor ceramic X7R, 20%, >10V	C-0603		
5	1	C5	22µF	22µF Capacitor ceramic X7R, 20%, 6V	C-0603		
6	1	C6	15pF	15pF Capacitor ceramic	C-0603		
7	1	C7	15pF	15pF Capacitor ceramic	C-0603		
8	1	C10	100nF	100nF Capacitor ceramic X7R, 20%, >10V	C-0603		
9	1	C11	22µF	22µF Capacitor ceramic X7R, 20%, 6V	C-0603		
10	1	C12	1µF	1µF Capacitor ceramic X7R, 20%, >25V	C-0603		
11	1	C13	1nF	1nF Capacitor ceramic X7R, 20%	C-0603		
12	1	RN1	1k	Array Chip Resistor, 10%	RN-1206	YAGEO	YC 164 JR-07 1 K
13	1	RN2	47R	Array Chip Resistor, 10%	RN-1206	YAGEO	YC 164 JR-07 47 R
14	1	RN3	47R	Array Chip Resistor, 10%	RN-1206	YAGEO	YC 164 JR-07 47 R
15	1	RN4	47R	Array Chip Resistor, 10%	RN-1206	YAGEO	YC 164 JR-07 47 R
16	1	RN5	47R	Array Chip Resistor, 10%	RN-1206	YAGEO	YC 164 JR-07 47 R
17	1	RN6	47R	Array Chip Resistor, 10%	RN-1206	YAGEO	YC 164 JR-07 47 R
18	1	RN7	47R	Array Chip Resistor, 10%	RN-1206	YAGEO	YC 164 JR-07 47 R
19	1	RN8	47R	Array Chip Resistor, 10%	RN-1206	YAGEO	YC 164 JR-07 47 R
20	1	RN9	47R	Array Chip Resistor, 10%	RN-1206	YAGEO	YC 164 JR-07 47 R
21	1	R1	10k	RESISTOR, European symbol	R-0603		
22	1	R2	120R	RESISTOR, European symbol	R-0603		
23	1	R3	10k	RESISTOR, European symbol	R-0603		
24	0	R4	22R	RESISTOR, European symbol	R-0603		
25	1	R9	56k	RESISTOR, European symbol	R-0603		
26	1	R99	1M	RESISTOR, European symbol	R-0603		
27	1	R10	10k	RESISTOR, European symbol	R-0603		
28	1	D1	green	LED, > 30mcd/2mA-4mA	LED-0603	Osram	LG L29K
29	1	D2	red	LED, > 30mcd/2mA-4mA	LED-0603	Osram	LS L29K
30	1	D3	green	LED, > 30mcd/2mA-4mA	LED-0603	Osram	LG L29K
31	1	D4	green	LED, > 30mcd/2mA-4mA	LED-0603	Osram	LG L29K
32	0	D10	1N 4007 SMD	Standard Diode 1A	SMA, Minimelf		1N 4007 SMD
33	0	D11	SM712	Semtech, Dual TVS Diode for RS486	SOT23	MCC	SM712-TP
34	1	IC1	ATXmega128D3	Prozessor	QFN64	!!Atmel	ATXMEGA128D3-MH
35	1	IC3	LM3480-3.3	Voltage regulator 3.3V, 100mA	SOT23	TI / National	LM3480IM3X-3.3
36	1	IC4	TPS62130	Voltage regulator, 1.5A, Buck	QFN16	Texas Instruments	TPS62130RGTR
37	0	IC4	TPS62150	Voltage regulator, 1.5A, Buck	QFN16	Texas Instruments	TPS62150RGTT, TPS62140RGTT
38	1	IC10	ISL3175EIBZ	RS485 Transceiver	SOIC8	Intersil	ISL3175EIBZ
39	0	IC10	SN65HVD12	RS485 Transceiver	SOIC8	Texas Instruments	SN65HVD12, Max3075E, Exar3175
40	1	T1	Button	SMD Button	9314		
41	1	L1	40R/100MHz	SMD EMI Suppression Ferrite Beads, 0.3A	L-0603	Wuerth	74279260
42	1	L2	2.2uH	Shielded Inductors, 2.2uH, 1.3A	3x3	Coilcraft	XFL3012-222MEC
43	1	Q1	8MHz	CRYSTAL	TAITIEN_XQ	TAITIEN	XQHGG1 8.0 MHz
44	0	Q3	8MHz	CRYSTAL	HC49UP	Taitien	XJSEGCNANF-8.000000MHz
45	0	Q3	8MHz	CRYSTAL	HC49UP	Multicomp	HC49SM-8-30-50-60-16-ATF
46	1	J1	1x6 pins gerade	HEADER JACK PINS	RM2,54		MPE 087-1-006
47	1	J2	2x10 pins gerade	HEADER JACK PINS	RM2,54		SL 2X10G 2,54
48	1	J3	2x10 pins gerade	HEADER JACK PINS	RM2,54		SL 2X10G 2,54
49	0	J4	VIA / 1x3 pins	HEADER JACK PINS	RM2,54		
50	1	J10	RJ45 Connector	AMP connector Pin8, horizontal,	RJ45 / THT	Molex	MX-95001-2881
51	1	J11	RJ45 Connector	AMP connector Pin8, horizontal,	RJ45 / THT	Molex	MX-95001-2881
52	0	JP1	2x3 pins gerade	AVR ISP-6 Serial Programming Header	AVR-ISP-6		MPE 087-2-006
53	1	JP2	1x2 pins gerade	HEADER JACK PINS	RM2,54		MPE 087-1-00
54	1	PCB		Platine 38,5x38,5mm, 2lagen, zweiseitig bestückt, Stoplack	FR4		