Pinout der unterschiedlichen RPB-Boards

Pin	Intern	v1_00 Signal	v1_00 I/O	v1_10 Signal	v1_10 I/O	v1_11 Signal	v1_11 I/O	v1_20 Signal	v1_20 I/O	v1_21 Signal	v1_21 I/O
1		n.c.		BARGRAPH1_5	OUT	BARGRAPH1_5	OUT	n.c.		n.c.	
2		n.c.		BARGRAPH1_6	OUT	BARGRAPH1_6	OUT	BARGRAPH1_6	OUT	BARGRAPH1_6	OUT
3		n.c.		BARGRAPH1_7	OUT	BARGRAPH1_7	OUT	n.c.		n.c.	
4		n.c.		SUMMER	OUT	SUMMER	OUT	SUMMER	OUT	SUMMER	OUT
5		FTDI_RXD		FTDI_nCTS_R		FTDI_nCTS_R		FTDI_nCTS_CPLD		FTDI_nCTS_CPLD	
6		FTDI_TXT		FTDI_nRTS_R		FTDI_nRTS_R		FTDI_nRTS_CPLD		FTDI_nRTS_CPLD	
7		n.c.		FTDI_RXD_R		FTDI_RXD_R		FTDI_RXD_CPLD		FTDI_RXD_CPLD	
8		n.c.		FTDI_TXT_R		FTDI_TXT_R_1		FTDI_TXT_CPLD		FTDI_TXT_CPLD	
9	+3,3V										
10	GND										
11	GND										
12		n.c.		n.c.		n.c.		n.c.		n.c.	
13		n.c.		n.c.		n.c.		n.c.		n.c.	
14		n.c.		n.c.		n.c.		n.c.		n.c.	
15		n.c.		n.c.		n.c.		n.c.		n.c.	
16		n.c.		n.c.		n.c.		n.c.		n.c.	
17	GND										
18		CLK_CPLD	IN	CLK_CPLD	IN	CLK_CPLD	IN	CLK_CPLD	IN	CLK_CPLD	IN
19	+1,8V										
20		FREQGEN	IN	FREQGEN_R	IN	FREQGEN_R	IN	FREQGEN_R	IN	FREQGEN_R	IN
21		n.c.		n.c.		n.c.		n.c.		n.c.	
22		n.c.		n.c.		n.c.		n.c.		n.c.	
23		n.c.		n.c.		n.c.		n.c.		n.c.	
24		n.c.		n.c.		n.c.		RESET	IN	RESET_CPLD	IN
25	+3,3V										
26	GND										
27		FREQGEN		n.c.		n.c.		n.c.		n.c.	
28		n.c.		n.c.		n.c.		n.c.		n.c.	
29		n.c.		n.c.		n.c.		n.c.		n.c.	
30		n.c.		n.c.		n.c.		n.c.		n.c.	
31		n.c.		n.c.		n.c.		n.c.		n.c.	
32		n.c.		n.c.		n.c.		n.c.		n.c.	
33	CPLD_TMS										
34	CPLD_TDI										
35	CPLD_TCK										
36	CPLD_TDO										
37		n.c.		n.c.		n.c.		n.c.		n.c.	
38		n.c.		n.c.		n.c.		n.c.		n.c.	
39		n.c.		n.c.		n.c.		n.c.		n.c.	
40		n.c.		n.c.		n.c.		n.c.		n.c.	
41		n.c.		n.c.		n.c.		n.c.		n.c.	
42		n.c.		n.c.		n.c.		n.c.		n.c.	
43		HEXCOD1_B	IN	HEXCOD1_B	IN	HEXCOD1_B	IN	HEXCOD1_B	IN	HEXCOD1_B	IN
44		HEXCOD1_A	IN	HEXCOD1_A	IN	HEXCOD1_A	IN	HEXCOD1_A	IN	HEXCOD1_A	IN
45		HEXCOD1_D	IN	HEXCOD1_D	IN	HEXCOD1_D	IN	HEXCOD1_D	IN	HEXCOD1_D	IN
46	+3,3V										
47	GND										
48		HEXCOD1_C	IN	HEXCOD1_C	IN	HEXCOD1_C	IN	HEXCOD1_C	IN	HEXCOD1_C	IN
49		HEXCOD0_B	IN	HEXCOD0_B	IN	HEXCOD0_B	IN	HEXCOD0_B	IN	HEXCOD0_B	IN
50		HEXCOD0_A	IN	HEXCOD0_A	IN	HEXCOD0_A	IN	HEXCOD0_A	IN	HEXCOD0_A	IN
51		HEXCOD0_D	IN	HEXCOD0_D	IN	HEXCOD0_D	IN	HEXCOD0_D	IN	HEXCOD0_D	IN
52		HEXCOD0_C	IN	HEXCOD0_C	IN	HEXCOD0_C	IN	HEXCOD0_C	IN	HEXCOD0_C	IN
53		BUTTON0	IN	BUTTON7	IN	BUTTON7	IN	BUTTON7	IN	BUTTON7	IN
54	GND										
55		SWITCH0	IN	SWITCH7	IN	SWITCH7	IN	SWITCH7	IN	SWITCH7	IN
56	1,8V										
57		BUTTON1	IN	BUTTON6	IN	BUTTON6	IN	BUTTON6	IN	BUTTON6	IN
58		SWITCH1	IN	SWITCH6	IN	SWITCH6	IN	SWITCH6	IN	SWITCH6	IN
59		BUTTON2	IN	BUTTON5	IN	BUTTON5	IN	BUTTON5	IN	BUTTON5	IN
60		SWITCH2	IN	SWITCH5	IN	SWITCH5	IN	SWITCH5	IN	SWITCH5	IN
61		BUTTON3	IN	BUTTON4	IN	BUTTON4	IN	BUTTON4	IN	BUTTON4	IN
62		SWITCH3	IN	SWITCH4	IN	SWITCH4	IN	SWITCH4	IN	SWITCH4	IN
63		BUTTON4	IN	BUTTON3	IN	BUTTON3	IN	BUTTON3	IN	BUTTON3	IN
64	+3,3V										
65	GND										
66		SWITCH4	IN	SWITCH3	IN	SWITCH3	IN	SWITCH3	IN	SWITCH3	IN
67		BUTTON5	IN	BUTTON2	IN	BUTTON2	IN	BUTTON2	IN	BUTTON2	IN
68		SWITCH5	IN	SWITCH2	IN	SWITCH2	IN	SWITCH2	IN	SWITCH2	IN
69		BUTTON6	IN	BUTTON1	IN	BUTTON1	IN	BUTTON1	IN	BUTTON1	IN
70		SWITCH6	IN	SWITCH1	IN	SWITCH1	IN	SWITCH1	IN	SWITCH1	IN
71		BUTTON7	IN	BUTTON0	IN	BUTTON0	IN	BUTTON0	IN	BUTTON0	IN
72		SWITCH7	IN	SWITCH0	IN	SWITCH0	IN	SWITCH0	IN	SWITCH0	IN
73		IO10		IO10		IO10		IO10		IO10	
74		IO9		IO9		IO9		IO9		IO9	
75		IO8		IO8		IO8		IO8		IO8	
76		IO7		IO7		IO7		IO7		IO7	
77		IO6		IO6		IO6		IO6		IO6	
78	GND										
79		IO5	I/O	IO5	I/O	IO5	I/O	IO5	I/O	IO5	I/O
80		INCREMENT0	IN	INCREMENT0_R	IN	INCREMENT0_R	IN	INCREMENT0_R	IN	INCREMENT0_R	IN
81		INCREMENT1	IN	INCREMENT1_R	IN	INCREMENT1_R	IN	INCREMENT1_R	IN	INCREMENT1_R	IN
82	+3,3V										
83	GND										
84		Hex_2_dot	OUT	Hex_2_dot	OUT	Hex_2_dot	OUT	Hex_2_dot	OUT	Hex_2_dot	OUT
85		Hex_2_c	OUT	Hex_2_c	OUT	Hex_2_c	OUT	Hex_2_c	OUT	Hex_2_c	OUT
86		Hex_2_b	OUT	Hex_2_b	OUT	Hex_2_b	OUT	Hex_2_b	OUT	Hex_2_b	OUT
87		Hex_2_a	OUT	Hex_2_a	OUT	Hex_2_a	OUT	Hex_2_a	OUT	Hex_2_a	OUT
88		Hex_2_g	OUT	Hex_2_g	OUT	Hex_2_g	OUT	Hex_2_g	OUT	Hex_2_g	OUT
89		Hex_2_f	OUT	Hex_2_f	OUT	Hex_2_f	OUT	Hex_2_f	OUT	Hex_2_f	OUT
90	+1,8V										
91		Hex_2_e	OUT	Hex_2_e	OUT	Hex_2_e	OUT	Hex_2_e	OUT	Hex_2_e	OUT
92	GND										
93		Hex_2_d	OUT	Hex_2_d	OUT	Hex_2_d	OUT	Hex_2_d	OUT	Hex_2_d	OUT
94		IO4	I/O	IO4	I/O	IO4	I/O	IO4	I/O	IO4	I/O
95		IO3	I/O	IO3	I/O	IO3	I/O	IO3	I/O	IO3	I/O
96		Hex_0_dot	OUT	Hex_0_dot	OUT	Hex_0_dot	OUT	Hex_0_dot	OUT	Hex_0_dot	OUT
97		Hex_0_c	OUT	Hex_0_c	OUT	Hex_0_c	OUT	Hex_0_c	OUT	Hex_0_c	OUT
98		Hex_0_b	OUT	Hex_0_b	OUT	Hex_0_b	OUT	Hex_0_b	OUT	Hex_0_b	OUT
99	GND										
100	+3,3V										
101		Hex_0_a	OUT	Hex_0_a	OUT	Hex_0_a	OUT	Hex_0_a	OUT	Hex_0_a	OUT
102		Hex_0_g	OUT	Hex_0_g	OUT	Hex_0_g	OUT	Hex_0_g	OUT	Hex_0_g	OUT
103		Hex_0_f	OUT	Hex_0_f	OUT	Hex_0_f	OUT	Hex_0_f	OUT	Hex_0_f	OUT
104		Hex_0_e	OUT	Hex_0_e	OUT	Hex_0_e	OUT	Hex_0_e	OUT	Hex_0_e	OUT
105		Hex_0_d	OUT	Hex_0_d	OUT	Hex_0_d	OUT	Hex_0_d	OUT	Hex_0_d	OUT
106		IO2	I/O	IO2	I/O	IO2	I/O	IO2	I/O	IO2	I/O
107		IO1	I/O	IO1	I/O	IO1	I/O	IO1	I/O	IO1	I/O
108		Hex_1_dot	OUT	Hex_1_dot	OUT	Hex_1_dot	OUT	Hex_1_dot	OUT	Hex_1_dot	OUT
109		Hex_1_c	OUT	Hex_1_c	OUT	Hex_1_c	OUT	Hex_1_c	OUT	Hex_1_c	OUT
110		Hex_1_b	OUT	Hex_1_b	OUT	Hex_1_b	OUT	Hex_1_b	OUT	Hex_1_b	OUT
111		Hex_1_a	OUT	Hex_1_a	OUT	Hex_1_a	OUT	Hex_1_a	OUT	Hex_1_a	OUT
112		Hex_1_g	OUT	Hex_1_g	OUT	Hex_1_g	OUT	Hex_1_g	OUT	Hex_1_g	OUT
113		Hex_1_f	OUT	Hex_1_f	OUT	Hex_1_f	OUT	Hex_1_f	OUT	Hex_1_f	OUT
114		Hex_1_e	OUT	Hex_1_e	OUT	Hex_1_e	OUT	Hex_1_e	OUT	Hex_1_e	OUT
115	GND										
116	+3,3V										
117		Hex_1_d	OUT	Hex_1_d	OUT	Hex_1_d	OUT	Hex_1_d	OUT	Hex_1_d	OUT
118		Hex_3_dot	OUT	Hex_3_dot	OUT	Hex_3_dot	OUT	Hex_3_dot	OUT	Hex_3_dot	OUT
119		Hex_3_c	OUT	Hex_3_c	OUT	Hex_3_c	OUT	Hex_3_c	OUT	Hex_3_c	OUT
120		Hex_3_b	OUT	Hex_3_b	OUT	Hex_3_b	OUT	Hex_3_b	OUT	Hex_3_b	OUT
121		Hex_3_a	OUT	Hex_3_a	OUT	Hex_3_a	OUT	Hex_3_a	OUT	Hex_3_a	OUT
122		Hex_3_g	OUT	Hex_3_g	OUT	Hex_3_g	OUT	Hex_3_g	OUT	Hex_3_g	OUT
123		Hex_3_f	OUT	Hex_3_f	OUT	Hex_3_f	OUT	Hex_3_f	OUT	Hex_3_f	OUT
124		Hex_3_e	OUT	Hex_3_e	OUT	Hex_3_e	OUT	Hex_3_e	OUT	Hex_3_e	OUT
125		Hex_3_d	OUT	Hex_3_d	OUT	Hex_3_d	OUT	Hex_3_d	OUT	Hex_3_d	OUT
126	1,8V										
127		IO11	I/O	IO11	I/O	IO11	I/O	IO11	I/O	IO11	I/O
128	GND										
129		IO0	I/O	IO0	I/O	IO0	I/O	IO0	I/O	IO0	I/O
130		BARGRAPH0_3	OUT	BARGRAPH0_0	OUT	BARGRAPH0_0	OUT	BARGRAPH0_0	OUT	BARGRAPH0_0	OUT
131		BARGRAPH0_0	OUT	BARGRAPH0_1	OUT	BARGRAPH0_1	OUT	n.c.	OUT	n.c.	OUT
132		BARGRAPH0_2	OUT	BARGRAPH0_2	OUT	BARGRAPH0_2	OUT	BARGRAPH0_2	OUT	BARGRAPH0_2	OUT
133		BARGRAPH0_1	OUT	BARGRAPH0_3	OUT	BARGRAPH0_3	OUT	n.c.	OUT	n.c.	OUT
134		BARGRAPH1_3	OUT	BARGRAPH0_4	OUT	BARGRAPH0_4	OUT	BARGRAPH0_4	OUT	BARGRAPH0_4	OUT
135	GND										
136	+3,3V										
137		BARGRAPH1_0	OUT	BARGRAPH0_5	OUT	BARGRAPH0_5	OUT	n.c.	OUT	n.c.	OUT
138		BARGRAPH1_2	OUT	BARGRAPH0_6	OUT	BARGRAPH0_6	OUT	BARGRAPH0_6	OUT	BARGRAPH0_6	OUT
139		BARGRAPH1_1	OUT	BARGRAPH0_7	OUT	BARGRAPH0_7	OUT	n.c.	OUT	n.c.	OUT
140		SUMMER	OUT	BARGRAPH1_0	OUT	BARGRAPH1_0	OUT	BARGRAPH1_0	OUT	BARGRAPH1_0	OUT
141		n.c.		BARGRAPH1_1	OUT	BARGRAPH1_1	OUT	n.c.		n.c.	
142		n.c.		BARGRAPH1_2	OUT	BARGRAPH1_2	OUT	BARGRAPH1_2	OUT	BARGRAPH1_2	OUT
143		n.c.		BARGRAPH1_3	OUT	BARGRAPH1_3	OUT	n.c.		n.c.	
144		n.c.		BARGRAPH1_4	OUT	BARGRAPH1_4	OUT	BARGRAPH1_4	OUT	BARGRAPH1_4	OUT