

注1

下表中不同颜色的底纹释义如下：

- 1 引脚功能不同
- 2 电源不同
- 3 主要配置功能不同
- 4 TRUE LVDS不同
- 5 没有标注颜色底纹的为两者兼容
- 6 未做BANK兼容对比
- 7 GW2A系列VCC需供1.0V，GW1N系列VCC需供1.2V
- 8 GW2A系列含有EXTR管脚，GW1N系列不含有EXTR管脚

GW2A-18 QN88

QN88	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
1	VCC	Power		N/A			
2	VSS	Ground		N/A			
3	VCCO7	Power		N/A			
4	IOL7A/LPLL1_T_in	I/O	DQ0	7	LPLL1_T_in	True_of_IOL7B	NONE
5	IOR25B/TMS	I/O	DQ10	2	TMS	Comp_of_IOR25A	NONE
6	IOR26A/TCK	I/O	DQ10	2	TCK	True_of_IOR26B	TRUE
7	IOR26B/TDI	I/O	DQ10	2	TDI	Comp_of_IOR26A	TRUE
8	IOR25A/TDO	I/O	DQ10	2	TDO	True_of_IOR25B	NONE
9	IOR31B/RECONFIG_N	I/O	DQ9	3	RECONFIG_N	Comp_of_IOR31A	TRUE
10	IOL29A/GCLKT_6	I/O	DQ2	6	GCLKT_6	True_of_IOL29B	TRUE
11	IOL29B/GCLKC_6	I/O	DQ2	6	GCLKC_6	Comp_of_IOL29A	TRUE
12	VCCX/VCCO2/VCCO6	Power		N/A			
13	IOL45A/LPLL2_T_in	I/O	DQ2	6	LPLL2_T_in	True_of_IOL45B	NONE
14	VCCPLLL1	Power		N/A			
15	IOL47A/LPLL2_T_fb	I/O	DQ3	6	LPLL2_T_fb	True_of_IOL47B	TRUE
16	IOL47B/LPLL2_C_fb	I/O	DQ3	6	LPLL2_C_fb	Comp_of_IOL47A	TRUE
17	IOL49A	I/O	DQ3	6		True_of_IOL49B	TRUE
18	IOL49B	I/O	DQ3	6		Comp_of_IOL49A	TRUE
19	IOL51A	I/O	DQ3	6		True_of_IOL51B	TRUE
20	IOL51B	I/O	DQ3	6		Comp_of_IOL51A	TRUE
21	VSS	Ground		N/A			
22	VCC	Power		N/A			
23	VCCO5	Power		N/A			
24	VSS	Ground		N/A			
25	IOB6A	I/O	DQ4	5		True_of_IOB6B	TRUE
26	IOB6B	I/O	DQ4	5		Comp_of_IOB6A	TRUE
27	IOB8A	I/O	DQ4	5		True_of_IOB8B	TRUE
28	IOB8B	I/O	DQ4	5		Comp_of_IOB8A	TRUE
29	IOB14A	I/O	DQ5	5		True_of_IOB14B	TRUE
30	IOB14B	I/O	DQ5	5		Comp_of_IOB14A	TRUE
31	IOB18A	I/O	DQ5	5		True_of_IOB18B	TRUE
32	IOB18B	I/O	DQ5	5		Comp_of_IOB18A	TRUE
33	IOB24A	I/O	DQ5	5		True_of_IOB24B	TRUE
34	IOB24B	I/O	DQ5	5		Comp_of_IOB24A	TRUE
35	IOB30A/GCLKT_4	I/O	DQ6	4	GCLKT_4	True_of_IOB30B	TRUE
36	IOB30B/GCLKC_4	I/O	DQ6	4	GCLKC_4	Comp_of_IOB30A	TRUE
37	IOB34A	I/O	DQ6	4		True_of_IOB34B	TRUE
38	IOB34B	I/O	DQ6	4		Comp_of_IOB34A	TRUE
39	IOB40A	I/O	DQ6	4		True_of_IOB40B	TRUE
40	IOB40B	I/O	DQ6	4		Comp_of_IOB40A	TRUE
41	IOB43A	I/O	DQ6	4		True_of_IOB43B	NONE
42	IOB42B	I/O	DQ6	4		Comp_of_IOB42A	TRUE
43	VSS	Ground		N/A			
44	VCCO4	Power		N/A			
45	VCC	Power		N/A			
46	VSS	Ground		N/A			

GW1N-4 QN88

QN88	管脚名	功能	BANK	配置功能	差分Pair	LVDS
1	VCC	Power	N/A			
2	VSS	Ground	N/A			
3	IOL2A	I/O	3		True_of_IOL2B	TRUE
4	IOL3A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL3B	NONE
5	IOL10A/TMS	I/O	3	TMS	True_of_IOL10B	NONE
6	IOL10B/TCK	I/O	3	TCK	Comp_of_IOL10A	NONE
7	IOL10D/TDI	I/O	3	TDI	Comp_of_IOL10C	NONE
8	IOL10E/TDO	I/O	3	TDO	True_of_IOL10F	NONE
9	IOL10F/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL10E	NONE
10	IOL10G/DONE	I/O	3	DONE	True_of_IOL10H	NONE
11	IOL11A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL11B	TRUE
12	VCCO3	Power	N/A			
13	IOL15A	I/O	3		True_of_IOL15B	TRUE
14	IOL15B	I/O	3		Comp_of_IOL15A	TRUE
15	IOL17A	I/O	3		True_of_IOL17B	TRUE
16	IOL17B	I/O	3		Comp_of_IOL17A	TRUE
17	IOB2A	I/O	2		True_of_IOB2B	TRUE
18	IOB2B	I/O	2		Comp_of_IOB2A	TRUE
19	IOB4A	I/O	2		True_of_IOB4B	TRUE
20	IOB4B	I/O	2		Comp_of_IOB4A	TRUE
21	VSS	Ground	N/A			
22	VCC	Power	N/A			
23	VCCO2	Power	N/A			
24	VSS	Ground	N/A			
25	IOB6A	I/O	2		True_of_IOB6B	TRUE
26	IOB6B	I/O	2		Comp_of_IOB6A	TRUE
27	IOB8A	I/O	2		True_of_IOB8B	TRUE
28	IOB8B	I/O	2		Comp_of_IOB8A	TRUE
29	IOB10A	I/O	2		True_of_IOB10B	NONE
30	IOB10B	I/O	2		Comp_of_IOB10A	NONE
31	IOB12A	I/O	2		True_of_IOB12B	TRUE
32	IOB12B	I/O	2		Comp_of_IOB12A	TRUE
33	IOB14A	I/O	2		True_of_IOB14B	TRUE
34	IOB15A	I/O	2		True_of_IOB15B	NONE
35	IOB20A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB20B	TRUE
36	IOB20B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB20A	TRUE
37	IOB26B	I/O	2		Comp_of_IOB26A	TRUE
38	IOB27B	I/O	2		Comp_of_IOB27A	NONE
39	IOB28A	I/O	2		True_of_IOB28B	NONE
40	IOB28B	I/O	2		Comp_of_IOB28A	NONE
41	IOB30A	I/O	2		True_of_IOB30B	TRUE
42	IOB30B	I/O	2		Comp_of_IOB30A	TRUE
43	VSS	Ground	N/A			
44	VCCO2	Power	N/A			
45	VCC	Power	N/A			
46	VSS	Ground	N/A			

QN88	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
47	EXTR	Ground		N/A			
48	IOR49B	I/O	DQ8	3		Comp_of_IOR49A	TRUE
49	IOR49A	I/O	DQ8	3		True_of_IOR49B	TRUE
50	VCCPLL1	Power		N/A			
51	IOR45A/RPLL2_T_in	I/O	DQ9	3	RPLL2_T_in	True_of_IOR45B	NONE
52	IOR39A/SCLK	I/O	DQ9	3	SCLK	True_of_IOR39B	NONE
53	IOR38B/DOUT/WE_N	I/O	DQ9	3	DOUT/WE_N	Comp_of_IOR38A	TRUE
54	IOR38A/DIN/CLKHOLD_N	I/O	DQ9	3	DIN/CLKHOLD_N	True_of_IOR38B	TRUE
55	IOR36B/SSPI_CS_N/D0	I/O	DQS9	3	SSPI_CS_N/D0	Comp_of_IOR36A	NONE
56	IOR36A/SO/D1	I/O	DQS9	3	SO/D1	True_of_IOR36B	NONE
57	IOR35A/FASTRD_N/D3	I/O	DQ9	3	FASTRD_N/D3	True_of_IOR35B	TRUE
58	VCCO3	Power		N/A			
59	IOR34B/MCLK/D4	I/O	DQ9	3	MCLK/D4	Comp_of_IOR34A	NONE
60	IOR34A/MCS_N/D5	I/O	DQ9	3	MCS_N/D5	True_of_IOR34B	NONE
61	IOR33B/MO/D6	I/O	DQ9	3	MO/D6	Comp_of_IOR33A	TRUE
62	IOR33A/MI/D7	I/O	DQ9	3	MI/D7	True_of_IOR33B	TRUE
63	IOR29A/GCLKT_3	I/O	DQ9	3	GCLKT_3	True_of_IOR29B	TRUE
64	VCCX/VCCO2/VCCO6	Power		N/A			
65	VSS	Ground		N/A			
66	VCC	Power		N/A			
67	VCCO1	Power		N/A			
68	VSS	Ground		N/A			
69	IOT50A	I/O	DQ12	1		True_of_IOT50B	TRUE
70	IOT44B	I/O	DQ13	1		Comp_of_IOT44A	TRUE
71	IOT44A	I/O	DQ13	1		True_of_IOT44B	TRUE
72	IOT40B	I/O	DQ13	1		Comp_of_IOT40A	TRUE
73	IOT40A	I/O	DQ13	1		True_of_IOT40B	TRUE
74	IOT34B	I/O	DQ13	1		Comp_of_IOT34A	TRUE
75	IOT34A	I/O	DQ13	1		True_of_IOT34B	TRUE
76	IOT30B/GCLKC_1	I/O	DQ13	1	GCLKC_1	Comp_of_IOT30A	TRUE
77	IOT30A/GCLKT_1	I/O	DQ13	1	GCLKT_1	True_of_IOT30B	TRUE
78	VCCO0	Power		N/A			
79	IOT27B/GCLKC_0	I/O	DQ14	0	GCLKC_0	Comp_of_IOT27A	NONE
80	IOT27A/GCLKT_0	I/O	DQ14	0	GCLKT_0	True_of_IOT27B	NONE
81	IOT17B	I/O	DQ14	0		Comp_of_IOT17A	NONE
82	IOT17A	I/O	DQ14	0		True_of_IOT17B	NONE
83	IOT6B	I/O	DQ15	0		Comp_of_IOT6A	TRUE
84	IOT6A	I/O	DQ15	0		True_of_IOT6B	TRUE
85	IOT4B	I/O	DQ15	0		Comp_of_IOT4A	TRUE
86	IOT4A	I/O	DQ15	0		True_of_IOT4B	TRUE
87	IOR30B/MODE1	I/O	DQ9	3	MODE1	Comp_of_IOR30A	NONE
88	IOR30A/MODE0	I/O	DQ9	3	MODE0	True_of_IOR30B	NONE

QN88	管脚名	功能	BANK	配置功能	差分Pair	LVDS
47	IOB36B	I/O	2		Comp_of_IOB36A	TRUE
48	IOR17B	I/O	1		Comp_of_IOR17A	TRUE
49	IOR17A	I/O	1		True_of_IOR17B	TRUE
50	IOR15B	I/O	1		Comp_of_IOR15A	TRUE
51	IOR11B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR11A	TRUE
52	IOR11A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR11B	TRUE
53	IOR10J/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR10I	NONE
54	IOR10I/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR10J	NONE
55	IOR10H/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR10G	NONE
56	IOR10G/SO/D1	I/O	1	SO/D1	True_of_IOR10H	NONE
57	IOR10E/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR10F	NONE
58	VCCO1	Power	N/A			
59	IOR10D/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR10C	NONE
60	IOR10C/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR10D	NONE
61	IOR10B/MO/D6	I/O	1	MO/D6	Comp_of_IOR10A	NONE
62	IOR10A/MI/D7	I/O	1	MI/D7	True_of_IOR10B	NONE
63	IOR3A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR3B	NONE
64	VCCX	Power	N/A			
65	VSS	Ground	N/A			
66	VCC	Power	N/A			
67	VCCO0	Power	N/A			
68	IOT37B	I/O	0		Comp_of_IOT37A	NONE
69	IOT37A	I/O	0		True_of_IOT37B	NONE
70	IOT36B	I/O	0		Comp_of_IOT36A	NONE
71	IOT36A	I/O	0		True_of_IOT36B	NONE
72	IOT35B	I/O	0		Comp_of_IOT35A	NONE
73	IOT35A	I/O	0		True_of_IOT35B	NONE
74	IOT33B	I/O	0		Comp_of_IOT33A	NONE
75	IOT32B	I/O	0		Comp_of_IOT32A	NONE
76	IOT31B	I/O	0		Comp_of_IOT31A	NONE
77	IOT30B	I/O	0		Comp_of_IOT30A	NONE
78	VCCX	Power	N/A			
79	IOT12A	I/O	0		True_of_IOT12B	NONE
80	IOT9A	I/O	0		True_of_IOT9B	NONE
81	IOT6B	I/O	0		Comp_of_IOT6A	NONE
82	IOT6A	I/O	0		True_of_IOT6B	NONE
83	IOT5B	I/O	0		Comp_of_IOT5A	NONE
84	IOT5A	I/O	0		True_of_IOT5B	NONE
85	IOT4B	I/O	0		Comp_of_IOT4A	NONE
86	IOT4A	I/O	0		True_of_IOT4B	NONE
87	IOT3B/MODE1	I/O	0	MODE1	Comp_of_IOT3A	NONE
88	IOT2B/MODE0	I/O	0	MODE0	Comp_of_IOT2A	NONE

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- 4 TRUE LVDS不同
- 5 没有标注颜色底纹的为两者兼容
- 6 未做BANK兼容对比
- 7 GW2A系列VCC需供1.0V, GW1N系列VCC需供1.2V
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GW2A-18 LQ144

LQ144	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
1	VCC/VCCPLL1	Power		N/A			
2	VSS	Ground		N/A			
3	IOL2A	I/O	DQ0	7		True_of_IOL2B	TRUE
4	IOL2B	I/O	DQ0	7		Comp_of_IOL2A	TRUE
5	VCCO7	Power		N/A			
6	IOL7A/LPLL1_T_in	I/O	DQ0	7	LPLL1_T_in	True_of_IOL7B	NONE
7	IOL7B/LPLL1_C_in	I/O	DQ0	7	LPLL1_C_in	Comp_of_IOL7A	NONE
8	VCCPLL0	Power		N/A			
9	IOL22A	I/O	DQS1	7		True_of_IOL22B	TRUE
10	IOL22B	I/O	DQS1	7		Comp_of_IOL22A	TRUE
11	IOL27A/GCLKT_7	I/O	DQ1	7	GCLKT_7	True_of_IOL27B	NONE
12	IOL27B/GCLKC_7	I/O	DQ1	7	GCLKC_7	Comp_of_IOL27A	NONE
13	IOR25B/TMS	I/O	DQ10	2	TMS	Comp_of_IOR25A	NONE
14	IOR26A/TCK	I/O	DQ10	2	TCK	True_of_IOR26B	TRUE
15	IOR39A/SCLK	I/O	DQ9	3	SCLK	True_of_IOR39B	NONE
16	IOR26B/TDI	I/O	DQ10	2	TDI	Comp_of_IOR26A	TRUE
17	VSS	Ground		N/A			
18	IOR25A/TDO	I/O	DQ10	2	TDO	True_of_IOR25B	NONE
19	VCCO7	Power		N/A			
20	IOR31B/RECONFIG_N	I/O	DQ9	3	RECONFIG_N	Comp_of_IOR31A	TRUE
21	IOR32B/DONE	I/O	DQ9	3	DONE	Comp_of_IOR32A	NONE
22	IOR32A/READY	I/O	DQ9	3	READY	True_of_IOR32B	NONE
23	IOL32A	I/O	DQ2	6		True_of_IOL32B	NONE
24	IOL32B	I/O	DQ2	6		Comp_of_IOL32A	NONE
25	IOL29A/GCLKT_6	I/O	DQ2	6	GCLKT_6	True_of_IOL29B	TRUE
26	IOL29B/GCLKC_6	I/O	DQ2	6	GCLKC_6	Comp_of_IOL29A	TRUE
27	IOL33A	I/O	DQ2	6		True_of_IOL33B	TRUE
28	IOL33B	I/O	DQ2	6		Comp_of_IOL33A	TRUE
29	IOL36A	I/O	DQS2	6		True_of_IOL36B	NONE
30	IOL36B	I/O	DQS2	6		Comp_of_IOL36A	NONE
31	VCCX/VCCO2/VCCO6	Power		N/A			
32	IOL42A	I/O	DQ2	6		True_of_IOL42B	TRUE
33	IOL42B	I/O	DQ2	6		Comp_of_IOL42A	TRUE
34	IOL45A/LPLL2_T_in	I/O	DQ2	6	LPLL2_T_in	True_of_IOL45B	NONE
35	VSS	Ground		N/A			
36	VCC/VCCPLL1	Power		N/A			
37	VCCO5	Power		N/A			
38	IOB5A	I/O	DQ4	5		True_of_IOB5B	NONE
39	IOB5B	I/O	DQ4	5		Comp_of_IOB5A	NONE
40	IOB6A	I/O	DQ4	5		True_of_IOB6B	TRUE

GW1N-4 LQ144

LQ144	管脚名	功能	BANK	配置功能	差分Pair	LVDS
1	VCC	Power	N/A			
2	VSS	Ground	N/A			
3	IOL2A	I/O	3		True_of_IOL2B	TRUE
4	IOL3A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL3B	NONE
5	VCCO3	Power	N/A			
6	IOL3B/LPLL_C_in	I/O	3	LPLL_C_in	Comp_of_IOL3A	NONE
7	IOL4A/LPLL_T_fb	I/O	3	LPLL_T_fb	True_of_IOL4B	TRUE
8	IOL4B/LPLL_C_fb	I/O	3	LPLL_C_fb	Comp_of_IOL4A	TRUE
9	IOL6A	I/O	3		True_of_IOL6B	TRUE
10	IOL6B	I/O	3		Comp_of_IOL6A	TRUE
11	IOL9A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL9B	NONE
12	IOL9B/GCLKC_7	I/O	3	GCLKC_7	Comp_of_IOL9A	NONE
13	IOL10A/TMS	I/O	3	TMS	True_of_IOL10B	NONE
14	IOL10B/TCK	I/O	3	TCK	Comp_of_IOL10A	NONE
15	IOL10C/SCLK	I/O	3	SCLK	True_of_IOL10D	NONE
16	IOL10D/TDI	I/O	3	TDI	Comp_of_IOL10C	NONE
17	VSS	Ground	N/A			
18	IOL10E/TDO	I/O	3	TDO	True_of_IOL10F	NONE
19	VCCO3	Power	N/A			
20	IOL10F/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL10E	NONE
21	IOL10G/DONE	I/O	3	DONE	True_of_IOL10H	NONE
22	IOL10H/READY	I/O	3	READY	Comp_of_IOL10G	NONE
23	IOL10I	I/O	3		True_of_IOL10J	NONE
24	IOL10J	I/O	3		Comp_of_IOL10I	NONE
25	IOL11A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL11B	TRUE
26	IOL11B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL11A	TRUE
27	IOL13A	I/O	3		True_of_IOL13B	TRUE
28	IOL13B	I/O	3		Comp_of_IOL13A	TRUE
29	IOL15A	I/O	3		True_of_IOL15B	TRUE
30	IOL15B	I/O	3		Comp_of_IOL15A	TRUE
31	VCCX	Power	N/A			
32	IOB4B	I/O	2		Comp_of_IOB4A	TRUE
33	VSS	Ground	N/A			
34	IOB5B	I/O	2		Comp_of_IOB5A	NONE
35	VSS	Ground	N/A			
36	VCC	Power	N/A			
37	VCCO2	Power	N/A			
38	IOB6A	I/O	2		True_of_IOB6B	TRUE
39	IOB6B	I/O	2		Comp_of_IOB6A	TRUE
40	IOB7A	I/O	2		True_of_IOB7B	NONE

LQ144	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
41	IOB6B	I/O	DQ4	5		Comp_of_IOB6A	TRUE
42	IOB7A	I/O	DQ4	5		True_of_IOB7B	NONE
43	IOB7B	I/O	DQ4	5		Comp_of_IOB7A	NONE
44	IOB12A	I/O	DQ5	5		True_of_IOB12B	TRUE
45	IOB12B	I/O	DQ5	5		Comp_of_IOB12A	TRUE
46	IOB14A	I/O	DQ5	5		True_of_IOB14B	TRUE
47	IOB14B	I/O	DQ5	5		Comp_of_IOB14A	TRUE
48	IOB17A	I/O	DQ5	5		True_of_IOB17B	NONE
49	IOB17B	I/O	DQ5	5		Comp_of_IOB17A	NONE
50	IOB20A	I/O	DQ5	5		True_of_IOB20B	TRUE
51	IOB20B	I/O	DQ5	5		Comp_of_IOB20A	TRUE
52	IOB22A	I/O	DQ5	5		True_of_IOB22B	TRUE
53	VSS	Ground		N/A			
54	IOB22B	I/O	DQ5	5		Comp_of_IOB22A	TRUE
55	VCCO4	Power		N/A			
56	IOB30A/GCLKT_4	I/O	DQ6	4	GCLKT_4	True_of_IOB30B	TRUE
57	IOB30B/GCLKC_4	I/O	DQ6	4	GCLKC_4	Comp_of_IOB30A	TRUE
58	IOB33A	I/O	DQ6	4		True_of_IOB33B	NONE
59	IOB33B	I/O	DQ6	4		Comp_of_IOB33A	NONE
60	IOB34A	I/O	DQ6	4		True_of_IOB34B	TRUE
61	IOB34B	I/O	DQ6	4		Comp_of_IOB34A	TRUE
62	IOB38A	I/O	DQ6	4		True_of_IOB38B	TRUE
63	IOB38B	I/O	DQ6	4		Comp_of_IOB38A	TRUE
64	IOB40A	I/O	DQ6	4		True_of_IOB40B	TRUE
65	IOB40B	I/O	DQ6	4		Comp_of_IOB40A	TRUE
66	IOB42A	I/O	DQ6	4		True_of_IOB42B	TRUE
67	IOB42B	I/O	DQ6	4		Comp_of_IOB42A	TRUE
68	IOB48A	I/O	DQS7	4		True_of_IOB48B	TRUE
69	IOB48B	I/O	DQS7	4		Comp_of_IOB48A	TRUE
70	IOB53A	I/O	DQ7	4		True_of_IOB53B	NONE
71	IOB53B	I/O	DQ7	4		Comp_of_IOB53A	NONE
72	IOB55B	I/O	DQ7	4		Comp_of_IOB55A	NONE
73	VCC/VCCPLL1	Power		N/A			
74	VSS	Ground		N/A			
75	EXTR	Ground		N/A			
76	IOR50B	I/O	DQS8	3		Comp_of_IOR50A	NONE
77	VCCO3	Power		N/A			
78	IOR50A	I/O	DQS8	3		True_of_IOR50B	NONE
79	IOR49B	I/O	DQ8	3		Comp_of_IOR49A	TRUE
80	IOR49A	I/O	DQ8	3		True_of_IOR49B	TRUE
81	VCCPLL1	Power		N/A			
82	IOR45A/RPLL2_T_in	I/O	DQ9	3	RPLL2_T_in	True_of_IOR45B	NONE
83	IOR42B	I/O	DQ9	3		Comp_of_IOR42A	TRUE
84	IOR42A	I/O	DQ9	3		True_of_IOR42B	TRUE
85	IOR38B/DOUT/WE_N	I/O	DQ9	3	DOUT/WE_N	Comp_of_IOR38A	TRUE
86	IOR38A/DIN/CLKHOLD_N	I/O	DQ9	3	DIN/CLKHOLD_N	True_of_IOR38B	TRUE
87	IOR36B/SSPI_CS_N/D0	I/O	DQS9	3	SSPI_CS_N/D0	Comp_of_IOR36A	NONE
88	IOR36A/SO/D1	I/O	DQS9	3	SO/D1	True_of_IOR36B	NONE
89	VSS	Ground		N/A			
90	IOR35B/SI/D2	I/O	DQ9	3	SI/D2	Comp_of_IOR35A	TRUE
91	VCCO3	Power		N/A			
92	IOR35A/FASTRD_N/D3	I/O	DQ9	3	FASTRD_N/D3	True_of_IOR35B	TRUE

LQ144	管脚名	功能	BANK	配置功能	差分Pair	LVDS
41	IOB7B	I/O	2		Comp_of_IOB7A	NONE
42	IOB8A	I/O	2		True_of_IOB8B	TRUE
43	IOB8B	I/O	2		Comp_of_IOB8A	TRUE
44	IOB10A	I/O	2		True_of_IOB10B	NONE
45	IOB10B	I/O	2		Comp_of_IOB10A	NONE
46	IOB11A	I/O	2		True_of_IOB11B	NONE
47	IOB11B	I/O	2		Comp_of_IOB11A	NONE
48	IOB12A	I/O	2		True_of_IOB12B	TRUE
49	IOB12B	I/O	2		Comp_of_IOB12A	TRUE
50	IOB14A	I/O	2		True_of_IOB14B	TRUE
51	IOB14B	I/O	2		Comp_of_IOB14A	TRUE
52	IOB16A	I/O	2		True_of_IOB16B	TRUE
53	VSS	Ground	N/A			
54	IOB16B	I/O	2		Comp_of_IOB16A	TRUE
55	VCCO2	Power	N/A			
56	IOB19A/GCLKT_5	I/O	2	GCLKT_5	True_of_IOB19B	NONE
57	IOB19B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB19A	NONE
58	IOB20A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB20B	TRUE
59	IOB20B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB20A	TRUE
60	IOB21A	I/O	2		True_of_IOB21B	NONE
61	IOB21B	I/O	2		Comp_of_IOB21A	NONE
62	IOB22A	I/O	2		True_of_IOB22B	TRUE
63	IOB22B	I/O	2		Comp_of_IOB22A	TRUE
64	IOB24A	I/O	2		True_of_IOB24B	TRUE
65	IOB24B	I/O	2		Comp_of_IOB24A	TRUE
66	IOB26A	I/O	2		True_of_IOB26B	TRUE
67	IOB26B	I/O	2		Comp_of_IOB26A	TRUE
68	IOB28A	I/O	2		True_of_IOB28B	NONE
69	IOB28B	I/O	2		Comp_of_IOB28A	NONE
70	IOB30A	I/O	2		True_of_IOB30B	TRUE
71	IOB30B	I/O	2		Comp_of_IOB30A	TRUE
72	IOB34B	I/O	2		Comp_of_IOB34A	TRUE
73	VCC	Power	N/A			
74	VSS	Ground	N/A			
75	IOB34A	I/O	2		True_of_IOB34B	TRUE
76	IOB36B	I/O	2		Comp_of_IOB36A	TRUE
77	VCCO1	Power	N/A			
78	IOB36A	I/O	2		True_of_IOB36B	TRUE
79	IOR17B	I/O	1		Comp_of_IOR17A	TRUE
80	IOR17A	I/O	1		True_of_IOR17B	TRUE
81	IOR15B	I/O	1		Comp_of_IOR15A	TRUE
82	IOR15A	I/O	1		True_of_IOR15B	TRUE
83	IOR11B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR11A	TRUE
84	IOR11A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR11B	TRUE
85	IOR10J/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR10I	NONE
86	IOR10I/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR10J	NONE
87	IOR10H/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR10G	NONE
88	IOR10G/SO/D1	I/O	1	SO/D1	True_of_IOR10H	NONE
89	VSS	Ground	N/A			
90	IOR10F/SI/D2	I/O	1	SI/D2	Comp_of_IOR10E	NONE
91	VCCO1	Power	N/A			
92	IOR10E/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR10F	NONE

LQ144	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
93	IOR34B/MCLK/D4	I/O	DQ9	3	MCLK/D4	Comp_of_IOR34A	NONE
94	IOR34A/MCS_N/D5	I/O	DQ9	3	MCS_N/D5	True_of_IOR34B	NONE
95	IOR33B/MO/D6	I/O	DQ9	3	MO/D6	Comp_of_IOR33A	TRUE
96	IOR33A/MI/D7	I/O	DQ9	3	MI/D7	True_of_IOR33B	TRUE
97	IOR27B/GCLKC_2	I/O	DQ10	2	GCLKC_2	Comp_of_IOR27A	NONE
98	IOR27A/GCLKT_2	I/O	DQ10	2	GCLKT_2	True_of_IOR27B	NONE
99	IOR22B	I/O	DQS10	2		Comp_of_IOR22A	TRUE
100	IOR22A	I/O	DQS10	2		True_of_IOR22B	TRUE
101	IOR20B	I/O	DQ10	2		Comp_of_IOR20A	TRUE
102	IOR20A	I/O	DQ10	2		True_of_IOR20B	TRUE
103	VCCX/VCCO2/VCCO6	Power		N/A			
104	VCCPLLRO	Power		N/A			
105	IOR7B/RPLL1_C_in	I/O	DQ11	2	RPLL1_C_in	Comp_of_IOR7A	NONE
106	IOR7A/RPLL1_T_in	I/O	DQ11	2	RPLL1_T_in	True_of_IOR7B	NONE
107	VSS	Ground		N/A			
108	VCC/VCCPLLL1	Power		N/A			
109	VCCO1	Power		N/A			
110	IOT50B	I/O	DQ12	1		Comp_of_IOT50A	TRUE
111	IOT50A	I/O	DQ12	1		True_of_IOT50B	TRUE
112	IOT48B	I/O	DQS12	1		Comp_of_IOT48A	TRUE
113	IOT48A	I/O	DQS12	1		True_of_IOT48B	TRUE
114	IOT42B	I/O	DQ13	1		Comp_of_IOT42A	TRUE
115	IOT42A	I/O	DQ13	1		True_of_IOT42B	TRUE
116	IOT40B	I/O	DQ13	1		Comp_of_IOT40A	TRUE
117	IOT40A	I/O	DQ13	1		True_of_IOT40B	TRUE
118	IOT38B	I/O	DQ13	1		Comp_of_IOT38A	TRUE
119	IOT38A	I/O	DQ13	1		True_of_IOT38B	TRUE
120	IOT30B/GCLKC_1	I/O	DQ13	1	GCLKC_1	Comp_of_IOT30A	TRUE
121	IOT30A/GCLKT_1	I/O	DQ13	1	GCLKT_1	True_of_IOT30B	TRUE
122	IOT27B/GCLKC_0	I/O	DQ14	0	GCLKC_0	Comp_of_IOT27A	NONE
123	IOT27A/GCLKT_0	I/O	DQ14	0	GCLKT_0	True_of_IOT27B	NONE
124	IOT23B	I/O	DQ14	0		Comp_of_IOT23A	NONE
125	IOT22A	I/O	DQ14	0		True_of_IOT22B	TRUE
126	IOT23A	I/O	DQ14	0		True_of_IOT23B	NONE
127	VCCO0	Power		N/A			
128	IOT19A	I/O	DQ14	0		True_of_IOT19B	NONE
129	IOT17B	I/O	DQ14	0		Comp_of_IOT17A	NONE
130	IOT17A	I/O	DQ14	0		True_of_IOT17B	NONE
131	IOT14B	I/O	DQ14	0		Comp_of_IOT14A	TRUE
132	IOT14A	I/O	DQ14	0		True_of_IOT14B	TRUE
133	IOT12B	I/O	DQ14	0		Comp_of_IOT12A	TRUE
134	IOT12A	I/O	DQ14	0		True_of_IOT12B	TRUE
135	IOT7B	I/O	DQ15	0		Comp_of_IOT7A	NONE
136	IOT7A	I/O	DQ15	0		True_of_IOT7B	NONE
137	IOT6B	I/O	DQ15	0		Comp_of_IOT6A	TRUE
138	IOT6A	I/O	DQ15	0		True_of_IOT6B	TRUE
139	IOT4B	I/O	DQ15	0		Comp_of_IOT4A	TRUE
140	IOT4A	I/O	DQ15	0		True_of_IOT4B	TRUE
141	IOT2B	I/O	DQ15	0		Comp_of_IOT2A	TRUE
142	IOR30B/MODE1	I/O	DQ9	3	MODE1	Comp_of_IOR30A	NONE
143	IOR31A/MODE2	I/O	DQ9	3	MODE2	True_of_IOR31B	TRUE
144	IOR30A/MODE0	I/O	DQ9	3	MODE0	True_of_IOR30B	NONE

LQ144	管脚名	功能	BANK	配置功能	差分Pair	LVDS
93	IOR10D/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR10C	NONE
94	IOR10C/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR10D	NONE
95	IOR10B/MO/D6	I/O	1	MO/D6	Comp_of_IOR10A	NONE
96	IOR10A/MI/D7	I/O	1	MI/D7	True_of_IOR10B	NONE
97	IOR9B/GCLKC_2	I/O	1	GCLKC_2	Comp_of_IOR9A	NONE
98	IOR9A/GCLKT_2	I/O	1	GCLKT_2	True_of_IOR9B	NONE
99	IOR6B	I/O	1		Comp_of_IOR6A	TRUE
100	IOR6A	I/O	1		True_of_IOR6B	TRUE
101	IOR4B/RPLL_C_fb	I/O	1	RPLL_C_fb	Comp_of_IOR4A	TRUE
102	IOR4A/RPLL_T_fb	I/O	1	RPLL_T_fb	True_of_IOR4B	TRUE
103	VCCX	Power	N/A			
104	IOR3B/RPLL_C_in	I/O	1	RPLL_C_in	Comp_of_IOR3A	NONE
105	VSS	Ground	N/A			
106	IOR3A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR3B	NONE
107	VSS	Ground	N/A			
108	VCC	Power	N/A			
109	VCCO0	Power	N/A			
110	IOT37B	I/O	0		Comp_of_IOT37A	NONE
111	IOT37A	I/O	0		True_of_IOT37B	NONE
112	IOT35B	I/O	0		Comp_of_IOT35A	NONE
113	IOT35A	I/O	0		True_of_IOT35B	NONE
114	IOT33B	I/O	0		Comp_of_IOT33A	NONE
115	IOT33A	I/O	0		True_of_IOT33B	NONE
116	IOT30B	I/O	0		Comp_of_IOT30A	NONE
117	IOT30A	I/O	0		True_of_IOT30B	NONE
118	IOT26B	I/O	0		Comp_of_IOT26A	NONE
119	IOT26A	I/O	0		True_of_IOT26B	NONE
120	IOT24B	I/O	0		Comp_of_IOT24A	NONE
121	IOT24A	I/O	0		True_of_IOT24B	NONE
122	IOT22B	I/O	0		Comp_of_IOT22A	NONE
123	IOT22A	I/O	0		True_of_IOT22B	NONE
124	IOT20A	I/O	0		True_of_IOT20B	NONE
125	VSS	Ground	N/A			
126	IOT18B	I/O	0		Comp_of_IOT18A	NONE
127	VCCO0	Power	N/A			
128	IOT17A	I/O	0		True_of_IOT17B	NONE
129	IOT16B	I/O	0		Comp_of_IOT16A	NONE
130	IOT16A	I/O	0		True_of_IOT16B	NONE
131	IOT14B	I/O	0		Comp_of_IOT14A	NONE
132	IOT14A	I/O	0		True_of_IOT14B	NONE
133	IOT12B	I/O	0		Comp_of_IOT12A	NONE
134	IOT12A	I/O	0		True_of_IOT12B	NONE
135	IOT9B	I/O	0		Comp_of_IOT9A	NONE
136	IOT9A	I/O	0		True_of_IOT9B	NONE
137	IOT7B	I/O	0		Comp_of_IOT7A	NONE
138	IOT7A	I/O	0		True_of_IOT7B	NONE
139	IOT6B	I/O	0		Comp_of_IOT6A	NONE
140	IOT6A	I/O	0		True_of_IOT6B	NONE
141	IOT4B	I/O	0		Comp_of_IOT4A	NONE
142	IOT4A	I/O	0		True_of_IOT4B	NONE
143	IOT3B/MODE1	I/O	0	MODE1	Comp_of_IOT3A	NONE
144	IOT2B/MODE0	I/O	0	MODE0	Comp_of_IOT2A	NONE

注1

下表不同颜色的底纹释义如下:

- 1 引脚功能不同
- 2 电源不同
- 3 主要配置功能不同
- 4 TRUE LVDS不同
- 5 没有标注颜色底纹的为两者兼容
- 6 未做BANK兼容对比
- 7 GW2A系列VCC需供1.0V, GW1N系列VCC需供1.2V
- 8 GW2A系列含有EXTR管脚, GW1N系列不含有EXTR管脚

GW2A-18 PG256

PG256	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
A1	VCC	Power		N/A			
A10	IOL33B	I/O	DQ2	6		Comp_of_IOL33A	TRUE
A11	IOL15A	I/O	DQ1	7		True_of_IOL15B	TRUE
A12	IOL13B	I/O	DQ1	7		Comp_of_IOL13A	TRUE
A13	IOR32A/READY	I/O	DQ9	3	READY	True_of_IOR32B	NONE
A14	IOL8B/LPLL1_C_fb	I/O	DQ0	7	LPLL1_C_fb	Comp_of_IOL8A	TRUE
A15	IOL2B	I/O	DQ0	7		Comp_of_IOL2A	TRUE
A16	VCC	Power		N/A			
A2	IOB13B	I/O	DQ5	5		Comp_of_IOB13A	NONE
A3	IOB4A	I/O	DQ4	5		True_of_IOB4B	TRUE
A4	IOB2A	I/O	DQ4	5		True_of_IOB2B	TRUE
A5	IOB7A	I/O	DQ4	5		True_of_IOB7B	NONE
A6	IOR26B/TDI	I/O	DQ10	2	TDI	Comp_of_IOR26A	TRUE
A7	IOR26A/TCK	I/O	DQ10	2	TCK	True_of_IOR26B	TRUE
A8	IOL29B/GCLKC_6	I/O	DQ2	6	GCLKC_6	Comp_of_IOL29A	TRUE
A9	IOL27A/GCLKT_7	I/O	DQ1	7	GCLKT_7	True_of_IOL27B	NONE
B1	IOB8A	I/O	DQ4	5		True_of_IOB8B	TRUE
B10	IOR31B/RECONFIG_N	I/O	DQ9	3	RECONFIG_N	Comp_of_IOR31A	TRUE
B11	IOL13A	I/O	DQ1	7		True_of_IOL13B	TRUE
B12	IOL7B/LPLL1_C_in	I/O	DQ0	7	LPLL1_C_in	Comp_of_IOL7A	NONE
B13	IOL8A/LPLL1_T_fb	I/O	DQ0	7	LPLL1_T_fb	True_of_IOL8B	TRUE
B14	IOL2A	I/O	DQ0	7		True_of_IOL2B	TRUE
B15	VSS	Ground		N/A			
B16	IOR30B/MODE1	I/O	DQ9	3	MODE1	Comp_of_IOR30A	NONE
B2	VSS	Ground		N/A			
B3	IOB13A	I/O	DQ5	5		True_of_IOB13B	NONE
B4	IOB4B	I/O	DQ4	5		Comp_of_IOB4A	TRUE
B5	IOL47B/LPLL2_C_fb	I/O	DQ3	6	LPLL2_C_fb	Comp_of_IOL47A	TRUE
B6	IOB7B	I/O	DQ4	5		Comp_of_IOB7A	NONE
B7	IOL40A	I/O	DQ2	6		True_of_IOL40B	TRUE
B8	IOR25B/TMS	I/O	DQ10	2	TMS	Comp_of_IOR25A	NONE
B9	IOL33A	I/O	DQ2	6		True_of_IOL33B	TRUE
C1	IOB14A	I/O	DQ5	5		True_of_IOB14B	TRUE
C10	IOR39A/SCLK	I/O	DQ9	3	SCLK	True_of_IOR39B	NONE
C11	IOL15B	I/O	DQ1	7		Comp_of_IOL15A	TRUE
C12	IOL7A/LPLL1_T_in	I/O	DQ0	7	LPLL1_T_in	True_of_IOL7B	NONE
C13	IOR32B/DONE	I/O	DQ9	3	DONE	Comp_of_IOR32A	NONE
C14	VSS	Ground		N/A			
C15	IOR31A/MODE2	I/O	DQ9	3	MODE2	True_of_IOR31B	TRUE
C16	IOT5A	I/O	DQ15	0		True_of_IOT5B	NONE
C2	IOB8B	I/O	DQ4	5		Comp_of_IOB8A	TRUE
C3	VSS	Ground		N/A			

GW1N-4 PG256

PG256	管脚名	功能	BANK	配置功能	差分Pair	LVDS
A1	VCC	Power	N/A			
A10	IOL12B	I/O	3		Comp_of_IOL12A	NONE
A11	IOL7A	I/O	3		True_of_IOL7B	NONE
A12	IOL6B	I/O	3		Comp_of_IOL6A	TRUE
A13	IOL10H/READY	I/O	3	READY	Comp_of_IOL10G	NONE
A14	IOL4B/LPLL_C_fb	I/O	3	LPLL_C_fb	Comp_of_IOL4A	TRUE
A15	IOL2B	I/O	3		Comp_of_IOL2A	TRUE
A16	VCC	Power	N/A			
A2	IOB9B	I/O	2		Comp_of_IOB9A	NONE
A3	IOB4A	I/O	2		True_of_IOB4B	TRUE
A4	IOB2A	I/O	2		True_of_IOB2B	TRUE
A5	IOB5A	I/O	2		True_of_IOB5B	NONE
A6	IOL10D/TDI	I/O	3	TDI	Comp_of_IOL10C	NONE
A7	IOL10B/TCK	I/O	3	TCK	Comp_of_IOL10A	NONE
A8	IOL11B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL11A	TRUE
A9	IOL9A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL9B	NONE
B1	IOB6A	I/O	2		True_of_IOB6B	TRUE
B10	IOL10F/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL10E	NONE
B11	IOL6A	I/O	3		True_of_IOL6B	TRUE
B12	IOL3B/LPLL_C_in	I/O	3	LPLL_C_in	Comp_of_IOL3A	NONE
B13	IOL4A/LPLL_T_fb	I/O	3	LPLL_T_fb	True_of_IOL4B	TRUE
B14	IOL2A	I/O	3		True_of_IOL2B	TRUE
B15	VSS	Ground	N/A			
B16	IOT3B/MODE1	I/O	0	MODE1	Comp_of_IOT3A	NONE
B2	VSS	Ground	N/A			
B3	IOB9A	I/O	2		True_of_IOB9B	NONE
B4	IOB4B	I/O	2		Comp_of_IOB4A	TRUE
B5	IOL17B	I/O	3		Comp_of_IOL17A	TRUE
B6	IOB5B	I/O	2		Comp_of_IOB5A	NONE
B7	IOL15A	I/O	3		True_of_IOL15B	TRUE
B8	IOL10A/TMS	I/O	3	TMS	True_of_IOL10B	NONE
B9	IOL12A	I/O	3		True_of_IOL12B	NONE
C1	IOB10A	I/O	2		True_of_IOB10B	NONE
C10	IOL10C/SCLK	I/O	3	SCLK	True_of_IOL10D	NONE
C11	IOL7B	I/O	3		Comp_of_IOL7A	NONE
C12	IOL3A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL3B	NONE
C13	IOL10G/DONE	I/O	3	DONE	True_of_IOL10H	NONE
C14	VSS	Ground	N/A			
C15	IOT3A/MODE2	I/O	0	MODE2	True_of_IOT3B	NONE
C16	IOT5A	I/O	0		True_of_IOT5B	NONE
C2	IOB6B	I/O	2		Comp_of_IOB6A	TRUE
C3	VSS	Ground	N/A			

PG256	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
C4	IOL47A/LPLL2_T_fb	I/O	DQ3	6	LPLL2_T_fb	True_of_IOL47B	TRUE
C5	IOB2B	I/O	DQ4	5		Comp_of_IOB2A	TRUE
C6	IOR25A/TDO	I/O	DQ10	2	TDO	True_of_IOR25B	NONE
C7	IOL40B	I/O	DQ2	6		Comp_of_IOL40A	TRUE
C8	IOL29A/GCLKT_6	I/O	DQ2	6	GCLKT_6	True_of_IOL29B	TRUE
C9	IOL27B/GCLKC_7	I/O	DQ1	7	GCLKC_7	Comp_of_IOL27A	NONE
D1	IOB9B	I/O	DQS4	5		Comp_of_IOB9A	NONE
D10	IOL17A	I/O	DQ1	7		True_of_IOL17B	TRUE
D11	IOL22A	I/O	DQS1	7		True_of_IOL22B	TRUE
D12	VCCO7	Power		N/A			
D13	VSS	Ground		N/A			
D14	IOT44A	I/O	DQ13	1		True_of_IOT44B	TRUE
D15	IOT5B	I/O	DQ15	0		Comp_of_IOT5A	NONE
D16	IOT4A	I/O	DQ15	0		True_of_IOT4B	TRUE
D2	IOB14B	I/O	DQ5	5		Comp_of_IOB14A	TRUE
D3	IOB9A	I/O	DQS4	5		True_of_IOB9B	NONE
D4	VSS	Ground		N/A			
D5	VCCO6	Power		N/A			
D6	IOB3A	I/O	DQ4	5		True_of_IOB3B	NONE
D7	IOL53B	I/O	DQ3	6		Comp_of_IOL53A	TRUE
D8	IOL38A	I/O	DQ2	6		True_of_IOL38B	TRUE
D9	IOL35B	I/O	DQ2	6		Comp_of_IOL35A	TRUE
E1	IOB16A	I/O	DQ5	5		True_of_IOB16B	TRUE
E10	IOL17B	I/O	DQ1	7		Comp_of_IOL17A	TRUE
E11	IOL31B	I/O	DQ2	6		Comp_of_IOL31A	TRUE
E12	VSS	Ground		N/A			
E13	VCCO0	Power		N/A			
E14	IOT4B	I/O	DQ15	0		Comp_of_IOT4A	TRUE
E15	IOT44B	I/O	DQ13	1		Comp_of_IOT44A	TRUE
E16	IOT6A	I/O	DQ15	0		True_of_IOT6B	TRUE
E2	IOB12A	I/O	DQ5	5		True_of_IOB12B	TRUE
E3	IOB12B	I/O	DQ5	5		Comp_of_IOB12A	TRUE
E4	VCCO5	Power		N/A			
E5	VSS	Ground		N/A			
E6	IOL53A	I/O	DQ3	6		True_of_IOL53B	TRUE
E7	IOB3B	I/O	DQ4	5		Comp_of_IOB3A	NONE
E8	IOL45B/LPLL2_C_in	I/O	DQ2	6	LPLL2_C_in	Comp_of_IOL45A	NONE
E9	IOL38B	I/O	DQ2	6		Comp_of_IOL38A	TRUE
F1	IOB19B	I/O	DQ5	5		Comp_of_IOB19A	NONE
F10	IOL11A	I/O	DQ1	7		True_of_IOL11B	TRUE
F11	VSS	Ground		N/A			
F12	IOT12A	I/O	DQ14	0		True_of_IOT12B	TRUE
F13	IOT8A	I/O	DQ15	0		True_of_IOT8B	TRUE
F14	IOT9A	I/O	DQS15	0		True_of_IOT9B	NONE
F15	IOT6B	I/O	DQ15	0		Comp_of_IOT6A	TRUE
F16	IOT9B	I/O	DQS15	0		Comp_of_IOT9A	NONE
F2	IOB16B	I/O	DQ5	5		Comp_of_IOB16A	TRUE
F3	IOB19A	I/O	DQ5	5		True_of_IOB19B	NONE
F4	IOB18A	I/O	DQ5	5		True_of_IOB18B	TRUE
F5	IOB22A	I/O	DQ5	5		True_of_IOB22B	TRUE
F6	VSS	Ground		N/A			
F7	IOL45A/LPLL2_T_in	I/O	DQ2	6	LPLL2_T_in	True_of_IOL45B	NONE
F8	IOL35A	I/O	DQ2	6		True_of_IOL35B	TRUE
F9	IOL31A	I/O	DQ2	6		True_of_IOL31B	TRUE
G1	IOB24A	I/O	DQ5	5		True_of_IOB24B	TRUE

PG256	管脚名	功能	BANK	配置功能	差分Pair	LVDS
C4	IOL17A	I/O	3		True_of_IOL17B	TRUE
C5	IOB2B	I/O	2		Comp_of_IOB2A	TRUE
C6	IOL10E/TDO	I/O	3	TDO	True_of_IOL10F	NONE
C7	IOL15B	I/O	3		Comp_of_IOL15A	TRUE
C8	IOL11A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL11B	TRUE
C9	IOL9B/GCLKC_7	I/O	3	GCLKC_7	Comp_of_IOL9A	NONE
D1	IOB7B	I/O	2		Comp_of_IOB7A	NONE
D10	IOL8A	I/O	3		True_of_IOL8B	TRUE
D11	IOL5B	I/O	3		Comp_of_IOL5A	NONE
D12	VCCO3	Power	N/A			
D13	VSS	Ground	N/A			
D14	IOT33A	I/O	0		True_of_IOT33B	NONE
D15	IOT5B	I/O	0		Comp_of_IOT5A	NONE
D16	IOT4A	I/O	0		True_of_IOT4B	NONE
D2	IOB10B	I/O	2		Comp_of_IOB10A	NONE
D3	IOB7A	I/O	2		True_of_IOB7B	NONE
D4	VSS	Ground	N/A			
D5	VCCO3	Power	N/A			
D6	IOB3A	I/O	2		True_of_IOB3B	NONE
D7	IOL18B	I/O	3		Comp_of_IOL18A	NONE
D8	IOL14A	I/O	3		True_of_IOL14B	NONE
D9	IOL13B	I/O	3		Comp_of_IOL13A	TRUE
E1	IOB11A	I/O	2		True_of_IOB11B	NONE
E10	IOL8B	I/O	3		Comp_of_IOL8A	TRUE
E11	IOL10J	I/O	3		Comp_of_IOL10I	NONE
E12	VSS	Ground	N/A			
E13	VCCO0	Power	N/A			
E14	IOT4B	I/O	0		Comp_of_IOT4A	NONE
E15	IOT33B	I/O	0		Comp_of_IOT33A	NONE
E16	IOT6A	I/O	0		True_of_IOT6B	NONE
E2	IOB8A	I/O	2		True_of_IOB8B	TRUE
E3	IOB8B	I/O	2		Comp_of_IOB8A	TRUE
E4	VCCO2	Power	N/A			
E5	VSS	Ground	N/A			
E6	IOL18A	I/O	3		True_of_IOL18B	NONE
E7	IOB3B	I/O	2		Comp_of_IOB3A	NONE
E8	IOL16B	I/O	3		Comp_of_IOL16A	NONE
E9	IOL14B	I/O	3		Comp_of_IOL14A	NONE
F1	IOB13B	I/O	2		Comp_of_IOB13A	NONE
F10	IOL5A	I/O	3		True_of_IOL5B	NONE
F11	VSS	Ground	N/A			
F12	IOT9A	I/O	0		True_of_IOT9B	NONE
F13	IOT7A	I/O	0		True_of_IOT7B	NONE
F14	IOT8A	I/O	0		True_of_IOT8B	NONE
F15	IOT6B	I/O	0		Comp_of_IOT6A	NONE
F16	IOT8B	I/O	0		Comp_of_IOT8A	NONE
F2	IOB11B	I/O	2		Comp_of_IOB11A	NONE
F3	IOB13A	I/O	2		True_of_IOB13B	NONE
F4	IOB12A	I/O	2		True_of_IOB12B	TRUE
F5	IOB16A	I/O	2		True_of_IOB16B	TRUE
F6	VSS	Ground	N/A			
F7	IOL16A	I/O	3		True_of_IOL16B	NONE
F8	IOL13A	I/O	3		True_of_IOL13B	TRUE
F9	IOL10I	I/O	3		True_of_IOL10J	NONE
G1	IOB17A	I/O	2		True_of_IOB17B	NONE

PG256	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
G10	VCCPLLL	Power		N/A			
G11	IOT14A	I/O	DQ14	0		True_of_IOT14B	TRUE
G12	IOT8B	I/O	DQ15	0		Comp_of_IOT8A	TRUE
G13	IOT12B	I/O	DQ14	0		Comp_of_IOT12A	TRUE
G14	IOT13B	I/O	DQ14	0		Comp_of_IOT13A	NONE
G15	IOT13A	I/O	DQ14	0		True_of_IOT13B	NONE
G16	IOT16A	I/O	DQ14	0		True_of_IOT16B	TRUE
G2	IOB21A	I/O	DQS5	5		True_of_IOB21B	NONE
G3	IOB21B	I/O	DQS5	5		Comp_of_IOB21A	NONE
G4	IOB20B	I/O	DQ5	5		Comp_of_IOB20A	TRUE
G5	IOB20A	I/O	DQ5	5		True_of_IOB20B	TRUE
G6	IOB18B	I/O	DQ5	5		Comp_of_IOB18A	TRUE
G7	VCC	Power		N/A			
G8	VCCX	Power		N/A			
G9	VCCO7	Power		N/A			
H1	IOB32B	I/O	DQ6	4		Comp_of_IOB32A	TRUE
H10	VCCO0	Power		N/A			
H11	IOT27A/GCLKT_0	I/O	DQ14	0	GCLKT_0	True_of_IOT27B	NONE
H12	IOT14B	I/O	DQ14	0		Comp_of_IOT14A	TRUE
H13	IOT18A	I/O	DQ14	0		True_of_IOT18B	TRUE
H14	IOT20A	I/O	DQ14	0		True_of_IOT20B	TRUE
H15	IOT16B	I/O	DQ14	0		Comp_of_IOT16A	TRUE
H16	IOT20B	I/O	DQ14	0		Comp_of_IOT20A	TRUE
H2	IOB24B	I/O	DQ5	5		Comp_of_IOB24A	TRUE
H3	IOB32A	I/O	DQ6	4		True_of_IOB32B	TRUE
H4	IOB26A	I/O	DQ5	5		True_of_IOB26B	TRUE
H5	IOB35A	I/O	DQ6	4		True_of_IOB35B	NONE
H6	IOB22B	I/O	DQ5	5		Comp_of_IOB22A	TRUE
H7	VCCO5	Power		N/A			
H8	VSS	Ground		N/A			
H9	VSS	Ground		N/A			
J1	IOB27A/GCLKT_5	I/O	DQ5	5	GCLKT_5	True_of_IOB27B	NONE
J10	VCCO1	Power		N/A			
J11	IOT32A	I/O	DQ13	1		True_of_IOT32B	TRUE
J12	IOT18B	I/O	DQ14	0		Comp_of_IOT18A	TRUE
J13	IOT27B/GCLKC_0	I/O	DQ14	0	GCLKC_0	Comp_of_IOT27A	NONE
J14	IOT22B	I/O	DQ14	0		Comp_of_IOT22A	TRUE
J15	IOT24A	I/O	DQ14	0		True_of_IOT24B	TRUE
J16	IOT22A	I/O	DQ14	0		True_of_IOT22B	TRUE
J2	IOB34A	I/O	DQ6	4		True_of_IOB34B	TRUE
J3	IOB27B/GCLKC_5	I/O	DQ5	5	GCLKC_5	Comp_of_IOB27A	NONE
J4	IOB35B	I/O	DQ6	4		Comp_of_IOB35A	NONE
J5	IOB37A	I/O	DQS6	4		True_of_IOB37B	NONE
J6	IOB26B	I/O	DQ5	5		Comp_of_IOB26A	TRUE
J7	VCCO4	Power		N/A			
J8	VSS	Ground		N/A			
J9	VSS	Ground		N/A			
K1	IOB34B	I/O	DQ6	4		Comp_of_IOB34A	TRUE
K10	VCC	Power		N/A			
K11	IOT38A	I/O	DQ13	1		True_of_IOT38B	TRUE
K12	IOT36B	I/O	DQ13	1		Comp_of_IOT36A	TRUE
K13	IOT36A	I/O	DQ13	1		True_of_IOT36B	TRUE
K14	IOT30A/GCLKT_1	I/O	DQ13	1	GCLKT_1	True_of_IOT30B	TRUE
K15	IOT30B/GCLKC_1	I/O	DQ13	1	GCLKC_1	Comp_of_IOT30A	TRUE
K16	IOT24B	I/O	DQ14	0		Comp_of_IOT24A	TRUE

PG256	管脚名	功能	BANK	配置功能	差分Pair	LVDS
G10	VCC	Power	N/A			
G11	IOT14A	I/O	0		True_of_IOT14B	NONE
G12	IOT7B	I/O	0		Comp_of_IOT7A	NONE
G13	IOT9B	I/O	0		Comp_of_IOT9A	NONE
G14	IOT13B	I/O	0		Comp_of_IOT13A	NONE
G15	IOT13A	I/O	0		True_of_IOT13B	NONE
G16	IOT15A	I/O	0		True_of_IOT15B	NONE
G2	IOB15A	I/O	2		True_of_IOB15B	NONE
G3	IOB15B	I/O	2		Comp_of_IOB15A	NONE
G4	IOB14B	I/O	2		Comp_of_IOB14A	TRUE
G5	IOB14A	I/O	2		True_of_IOB14B	TRUE
G6	IOB12B	I/O	2		Comp_of_IOB12A	TRUE
G7	VCC	Power	N/A			
G8	VCCX	Power	N/A			
G9	VCCO3	Power	N/A			
H1	IOB21B	I/O	2		Comp_of_IOB21A	NONE
H10	VCCO0	Power	N/A			
H11	IOT22A	I/O	0		True_of_IOT22B	NONE
H12	IOT14B	I/O	0		Comp_of_IOT14A	NONE
H13	IOT16A	I/O	0		True_of_IOT16B	NONE
H14	IOT17A	I/O	0		True_of_IOT17B	NONE
H15	IOT15B	I/O	0		Comp_of_IOT15A	NONE
H16	IOT17B	I/O	0		Comp_of_IOT17A	NONE
H2	IOB17B	I/O	2		Comp_of_IOB17A	NONE
H3	IOB21A	I/O	2		True_of_IOB21B	NONE
H4	IOB18A	I/O	2		True_of_IOB18B	TRUE
H5	IOB23A	I/O	2		True_of_IOB23B	NONE
H6	IOB16B	I/O	2		Comp_of_IOB16A	TRUE
H7	VCCO2	Power	N/A			
H8	VSS	Ground	N/A			
H9	VSS	Ground	N/A			
J1	IOB19A/GCLKT_5	I/O	2	GCLKT_5	True_of_IOB19B	NONE
J10	VCCO0	Power	N/A			
J11	IOT24A	I/O	0		True_of_IOT24B	NONE
J12	IOT16B	I/O	0		Comp_of_IOT16A	NONE
J13	IOT22B	I/O	0		Comp_of_IOT22A	NONE
J14	IOT18B	I/O	0		Comp_of_IOT18A	NONE
J15	IOT21A	I/O	0		True_of_IOT21B	NONE
J16	IOT18A	I/O	0		True_of_IOT18B	NONE
J2	IOB22A	I/O	2		True_of_IOB22B	TRUE
J3	IOB19B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB19A	NONE
J4	IOB23B	I/O	2		Comp_of_IOB23A	NONE
J5	IOB25A	I/O	2		True_of_IOB25B	NONE
J6	IOB18B	I/O	2		Comp_of_IOB18A	TRUE
J7	VCCO2	Power	N/A			
J8	VSS	Ground	N/A			
J9	VSS	Ground	N/A			
K1	IOB22B	I/O	2		Comp_of_IOB22A	TRUE
K10	VCC	Power	N/A			
K11	IOT30A	I/O	0		True_of_IOT30B	NONE
K12	IOT26B	I/O	0		Comp_of_IOT26A	NONE
K13	IOT26A	I/O	0		True_of_IOT26B	NONE
K14	IOT23A	I/O	0		True_of_IOT23B	NONE
K15	IOT23B	I/O	0		Comp_of_IOT23A	NONE
K16	IOT21B	I/O	0		Comp_of_IOT21A	NONE

PG256	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
K2	IOB36B	I/O	DQ6	4		Comp_of_IOB36A	TRUE
K3	IOB36A	I/O	DQ6	4		True_of_IOB36B	TRUE
K4	IOB39A	I/O	DQ6	4		True_of_IOB39B	NONE
K5	IOB40A	I/O	DQ6	4		True_of_IOB40B	TRUE
K6	IOB37B	I/O	DQS6	4		Comp_of_IOB37A	NONE
K7	VCCPLL	Power		N/A			
K8	VCCO3	Power		N/A			
K9	VCCX	Power		N/A			
L1	IOB38A	I/O	DQ6	4		True_of_IOB38B	TRUE
L10	IOR34B/MCLK/D4	I/O	DQ9	3	MCLK/D4	Comp_of_IOR34A	NONE
L11	VSS	Ground		N/A			
L12	IOT32B	I/O	DQ13	1		Comp_of_IOT32A	TRUE
L13	IOT38B	I/O	DQ13	1		Comp_of_IOT38A	TRUE
L14	IOT34B	I/O	DQ13	1		Comp_of_IOT34A	TRUE
L15	IOT2A	I/O	DQ15	0		True_of_IOT2B	TRUE
L16	IOT34A	I/O	DQ13	1		True_of_IOT34B	TRUE
L2	IOB30A/GCLKT_4	I/O	DQ6	4	GCLKT_4	True_of_IOB30B	TRUE
L3	IOB38B	I/O	DQ6	4		Comp_of_IOB38A	TRUE
L4	IOB40B	I/O	DQ6	4		Comp_of_IOB40A	TRUE
L5	IOB39B	I/O	DQ6	4		Comp_of_IOB39A	NONE
L6	VSS	Ground		N/A			
L7	EXTR	Ground		N/A			
L8	IOR44B	I/O	DQ9	3		Comp_of_IOR44A	TRUE
L9	IOR40B	I/O	DQ9	3		Comp_of_IOR40A	TRUE
M1	IOB30B/GCLKC_4	I/O	DQ6	4	GCLKC_4	Comp_of_IOB30A	TRUE
M10	IOR22A	I/O	DQS10	2		True_of_IOR22B	TRUE
M11	IOR27B/GCLKC_2	I/O	DQ10	2	GCLKC_2	Comp_of_IOR27A	NONE
M12	VSS	Ground		N/A			
M13	VCCO1	Power		N/A			
M14	IOT40A	I/O	DQ13	1		True_of_IOT40B	TRUE
M15	IOT40B	I/O	DQ13	1		Comp_of_IOT40A	TRUE
M16	IOR30A/MODE0	I/O	DQ9	3	MODE0	True_of_IOR30B	NONE
M2	IOB43A	I/O	DQ6	4		True_of_IOB43B	NONE
M3	IOB42A	I/O	DQ6	4		True_of_IOB42B	TRUE
M4	VCCO4	Power		N/A			
M5	VSS	Ground		N/A			
M6	IOR44A	I/O	DQ9	3		True_of_IOR44B	TRUE
M7	IOR47A/RPLL2_T_fb	I/O	DQ8	3	RPLL2_T_fb	True_of_IOR47B	TRUE
M8	IOR36A/SO/D1	I/O	DQS9	3	SO/D1	True_of_IOR36B	NONE
M9	IOR34A/MCS_N/D5	I/O	DQ9	3	MCS_N/D5	True_of_IOR34B	NONE
N1	IOB42B	I/O	DQ6	4		Comp_of_IOB42A	TRUE
N10	IOR27A/GCLKT_2	I/O	DQ10	2	GCLKT_2	True_of_IOR27B	NONE
N11	IOR22B	I/O	DQS10	2		Comp_of_IOR22A	TRUE
N12	VCCO2	Power		N/A			
N13	VSS	Ground		N/A			
N14	IOT52B	I/O	DQ12	1		Comp_of_IOT52A	TRUE
N15	IOT48A	I/O	DQS12	1		True_of_IOT48B	TRUE
N16	IOT52A	I/O	DQ12	1		True_of_IOT52B	TRUE
N2	IOB41A	I/O	DQ6	4		True_of_IOB41B	NONE
N3	IOB43B	I/O	DQ6	4		Comp_of_IOB43A	NONE
N4	VSS	Ground		N/A			
N5	VCCO3	Power		N/A			
N6	IOR51A	I/O	DQ8	3		True_of_IOR51B	TRUE
N7	IOR47B/RPLL2_C_fb	I/O	DQ8	3	RPLL2_C_fb	Comp_of_IOR47A	TRUE
N8	IOR40A	I/O	DQ9	3		True_of_IOR40B	TRUE

PG256	管脚名	功能	BANK	配置功能	差分Pair	LVDS
K2	IOB24B	I/O	2		Comp_of_IOB24A	TRUE
K3	IOB24A	I/O	2		True_of_IOB24B	TRUE
K4	IOB27A	I/O	2		True_of_IOB27B	NONE
K5	IOB28A	I/O	2		True_of_IOB28B	NONE
K6	IOB25B	I/O	2		Comp_of_IOB25A	NONE
K7	VCC	Power	N/A			
K8	VCCO1	Power	N/A			
K9	VCCX	Power	N/A			
L1	IOB26A	I/O	2		True_of_IOB26B	TRUE
L10	IOR10D/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR10C	NONE
L11	VSS	Ground	N/A			
L12	IOT24B	I/O	0		Comp_of_IOT24A	NONE
L13	IOT30B	I/O	0		Comp_of_IOT30A	NONE
L14	IOT25B	I/O	0		Comp_of_IOT25A	NONE
L15	IOT2A	I/O	0		True_of_IOT2B	NONE
L16	IOT25A	I/O	0		True_of_IOT25B	NONE
L2	IOB20A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB20B	TRUE
L3	IOB26B	I/O	2		Comp_of_IOB26A	TRUE
L4	IOB28B	I/O	2		Comp_of_IOB28A	NONE
L5	IOB27B	I/O	2		Comp_of_IOB27A	NONE
L6	VSS	Ground	N/A			
L7	IOR17B	I/O	1		Comp_of_IOR17A	TRUE
L8	IOR14B	I/O	1		Comp_of_IOR14A	NONE
L9	IOR12B	I/O	1		Comp_of_IOR12A	NONE
M1	IOB20B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB20A	TRUE
M10	IOR7A	I/O	1		True_of_IOR7B	NONE
M11	IOR9B/GCLKC_2	I/O	1	GCLKC_2	Comp_of_IOR9A	NONE
M12	VSS	Ground	N/A			
M13	VCCO0	Power	N/A			
M14	IOT32A	I/O	0		True_of_IOT32B	NONE
M15	IOT32B	I/O	0		Comp_of_IOT32A	NONE
M16	IOT2B/MODE0	I/O	0	MODE0	Comp_of_IOT2A	NONE
M2	IOB31A	I/O	2		True_of_IOB31B	NONE
M3	IOB30A	I/O	2		True_of_IOB30B	TRUE
M4	VCCO2	Power	N/A			
M5	VSS	Ground	N/A			
M6	IOR14A	I/O	1		True_of_IOR14B	NONE
M7	IOR15A	I/O	1		True_of_IOR15B	TRUE
M8	IOR10G/SO/D1	I/O	1	SO/D1	True_of_IOR10H	NONE
M9	IOR10C/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR10D	NONE
N1	IOB30B	I/O	2		Comp_of_IOB30A	TRUE
N10	IOR9A/GCLKT_2	I/O	1	GCLKT_2	True_of_IOR9B	NONE
N11	IOR7B	I/O	1		Comp_of_IOR7A	NONE
N12	VCCO1	Power	N/A			
N13	VSS	Ground	N/A			
N14	IOT36B	I/O	0		Comp_of_IOT36A	NONE
N15	IOT35A	I/O	0		True_of_IOT35B	NONE
N16	IOT36A	I/O	0		True_of_IOT36B	NONE
N2	IOB29A	I/O	2		True_of_IOB29B	NONE
N3	IOB31B	I/O	2		Comp_of_IOB31A	NONE
N4	VSS	Ground	N/A			
N5	VCCO1	Power	N/A			
N6	IOR17A	I/O	1		True_of_IOR17B	TRUE
N7	IOR15B	I/O	1		Comp_of_IOR15A	TRUE
N8	IOR12A	I/O	1		True_of_IOR12B	NONE

PG256	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
N9	IOR36B/SSPI_CS_N/D0	I/O	DQS9	3	SSPI_CS_N/D0	Comp_of_IOR36A	NONE
P1	IOB41B	I/O	DQ6	4		Comp_of_IOB41A	NONE
P10	IOR33A/MI/D7	I/O	DQ9	3	MI/D7	True_of_IOR33B	TRUE
P11	IOR24B	I/O	DQ10	2		Comp_of_IOR24A	TRUE
P12	IOR8A/RPLL1_T_fb	I/O	DQ11	2	RPLL1_T_fb	True_of_IOR8B	TRUE
P13	IOR11B	I/O	DQ10	2		Comp_of_IOR11A	TRUE
P14	VSS	Ground		N/A			
P15	IOT54A	I/O	DQ12	1		True_of_IOT54B	TRUE
P16	IOT48B	I/O	DQS12	1		Comp_of_IOT48A	TRUE
P2	IOB44B	I/O	DQ6	4		Comp_of_IOB44A	TRUE
P3	VSS	Ground		N/A			
P4	IOB45A	I/O	DQ6	4		True_of_IOB45B	NONE
P5	IOB50A	I/O	DQ7	4		True_of_IOB50B	TRUE
P6	IOR53A	I/O	DQ8	3		True_of_IOR53B	TRUE
P7	IOR49B	I/O	DQ8	3		Comp_of_IOR49A	TRUE
P8	IOR42A	I/O	DQ9	3		True_of_IOR42B	TRUE
P9	IOR38B/DOUT/WE_N	I/O	DQ9	3	DOUT/WE_N	Comp_of_IOR38A	TRUE
R1	IOB44A	I/O	DQ6	4		True_of_IOB44B	TRUE
R10	IOR33B/MO/D6	I/O	DQ9	3	MO/D6	Comp_of_IOR33A	TRUE
R11	IOR17A	I/O	DQ10	2		True_of_IOR17B	TRUE
R12	IOR11A	I/O	DQ10	2		True_of_IOR11B	TRUE
R13	IOR20A	I/O	DQ10	2		True_of_IOR20B	TRUE
R14	IOR7B/RPLL1_C_in	I/O	DQ11	2	RPLL1_C_in	Comp_of_IOR7A	NONE
R15	VSS	Ground		N/A			
R16	IOT54B	I/O	DQ12	1		Comp_of_IOT54A	TRUE
R2	VSS	Ground		N/A			
R3	IOB48A	I/O	DQS7	4		True_of_IOB48B	TRUE
R4	IOB52A	I/O	DQ7	4		True_of_IOB52B	TRUE
R5	IOB50B	I/O	DQ7	4		Comp_of_IOB50A	TRUE
R6	IOB54A	I/O	DQ7	4		True_of_IOB54B	TRUE
R7	IOR49A	I/O	DQ8	3		True_of_IOR49B	TRUE
R8	IOR29B/GCLKC_3	I/O	DQ9	3	GCLKC_3	Comp_of_IOR29A	TRUE
R9	IOR35A/FASTRD_N/D3	I/O	DQ9	3	FASTRD_N/D3	True_of_IOR35B	TRUE
T1	VCC	Power		N/A			
T10	IOR35B/SI/D2	I/O	DQ9	3	SI/D2	Comp_of_IOR35A	TRUE
T11	IOR24A	I/O	DQ10	2		True_of_IOR24B	TRUE
T12	IOR17B	I/O	DQ10	2		Comp_of_IOR17A	TRUE
T13	IOR8B/RPLL1_C_fb	I/O	DQ11	2	RPLL1_C_fb	Comp_of_IOR8A	TRUE
T14	IOR20B	I/O	DQ10	2		Comp_of_IOR20A	TRUE
T15	IOR7A/RPLL1_T_in	I/O	DQ11	2	RPLL1_T_in	True_of_IOR7B	NONE
T16	VCC	Power		N/A			
T2	IOB48B	I/O	DQS7	4		Comp_of_IOB48A	TRUE
T3	IOB52B	I/O	DQ7	4		Comp_of_IOB52A	TRUE
T4	IOB45B	I/O	DQ6	4		Comp_of_IOB45A	NONE
T5	IOB54B	I/O	DQ7	4		Comp_of_IOB54A	TRUE
T6	IOR53B	I/O	DQ8	3		Comp_of_IOR53A	TRUE
T7	IOR29A/GCLKT_3	I/O	DQ9	3	GCLKT_3	True_of_IOR29B	TRUE
T8	IOR42B	I/O	DQ9	3		Comp_of_IOR42A	TRUE
T9	IOR38A/DIN/CLKHOLD_N	I/O	DQ9	3	DIN/CLKHOLD_N	True_of_IOR38B	TRUE

PG256	管脚名	功能	BANK	配置功能	差分Pair	LVDS
N9	IOR10H/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR10G	NONE
P1	IOB29B	I/O	2		Comp_of_IOB29A	NONE
P10	IOR10A/MI/D7	I/O	1	MI/D7	True_of_IOR10B	NONE
P11	IOR8B	I/O	1		Comp_of_IOR8A	TRUE
P12	IOR4A/RPLL_T_fb	I/O	1	RPLL_T_fb	True_of_IOR4B	TRUE
P13	IOR3B/RPLL_C_in	I/O	1	RPLL_C_in	Comp_of_IOR3A	NONE
P14	VSS	Ground	N/A			
P15	IOT37A	I/O	0		True_of_IOT37B	NONE
P16	IOT35B	I/O	0		Comp_of_IOT35A	NONE
P2	IOB32B	I/O	2		Comp_of_IOB32A	TRUE
P3	VSS	Ground	N/A			
P4	IOB33A	I/O	2		True_of_IOB33B	NONE
P5	IOB35B	I/O	2		Comp_of_IOB35A	NONE
P6	IOR18A	I/O	1		True_of_IOR18B	NONE
P7	IOR16B	I/O	1		Comp_of_IOR16A	NONE
P8	IOR13A	I/O	1		True_of_IOR13B	TRUE
P9	IOR10J/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR10I	NONE
R1	IOB32A	I/O	2		True_of_IOB32B	TRUE
R10	IOR10B/MO/D6	I/O	1	MO/D6	Comp_of_IOR10A	NONE
R11	IOR5A	I/O	1		True_of_IOR5B	NONE
R12	IOR3A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR3B	NONE
R13	IOR6A	I/O	1		True_of_IOR6B	TRUE
R14	IOR2B	I/O	1		Comp_of_IOR2A	TRUE
R15	VSS	Ground	N/A			
R16	IOT37B	I/O	0		Comp_of_IOT37A	NONE
R2	VSS	Ground	N/A			
R3	IOB34B	I/O	2		Comp_of_IOB34A	TRUE
R4	IOB36B	I/O	2		Comp_of_IOB36A	TRUE
R5	IOB35A	I/O	2		True_of_IOB35B	NONE
R6	IOB37B	I/O	2		Comp_of_IOB37A	NONE
R7	IOR16A	I/O	1		True_of_IOR16B	NONE
R8	IOR11B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR11A	TRUE
R9	IOR10E/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR10F	NONE
T1	VCC	Power	N/A			
T10	IOR10F/SI/D2	I/O	1	SI/D2	Comp_of_IOR10E	NONE
T11	IOR8A	I/O	1		True_of_IOR8B	TRUE
T12	IOR5B	I/O	1		Comp_of_IOR5A	NONE
T13	IOR4B/RPLL_C_fb	I/O	1	RPLL_C_fb	Comp_of_IOR4A	TRUE
T14	IOR6B	I/O	1		Comp_of_IOR6A	TRUE
T15	IOR2A	I/O	1		True_of_IOR2B	TRUE
T16	VCC	Power	N/A			
T2	IOB34A	I/O	2		True_of_IOB34B	TRUE
T3	IOB36A	I/O	2		True_of_IOB36B	TRUE
T4	IOB33B	I/O	2		Comp_of_IOB33A	NONE
T5	IOB37A	I/O	2		True_of_IOB37B	NONE
T6	IOR18B	I/O	1		Comp_of_IOR18A	NONE
T7	IOR11A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR11B	TRUE
T8	IOR13B	I/O	1		Comp_of_IOR13A	TRUE
T9	IOR10I/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR10J	NONE