

日期	版本	说明
2023/3/10	1.2	删除LQ144兼容性对比。

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_IOL29A	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-9 QN88

QN88	管脚名	功能	BANK	配置功能	差分Pair	LVDS	X16
1	VCC	Power	N/A				
2	VSS	Ground	N/A				
3	IOL2A	I/O	3		True_of_IOL2B	TRUE	NONE
4	IOL5A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL5B	NONE	NONE
5	IOL11A/TMS	I/O	3	TMS	True_of_IOL11B	TRUE	NONE
6	IOL11B/TCK	I/O	3	TCK	Comp_of_IOL11A	TRUE	NONE
7	IOL12B/TDI	I/O	3	TDI	Comp_of_IOL12A	NONE	NONE
8	IOL13A/TDO	I/O	3	TDO	True_of_IOL13B	TRUE	NONE
9	IOL13B/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL13A	TRUE	NONE
10	IOL14A/DONE	I/O	3	DONE	True_of_IOL14B	NONE	NONE
11	IOL15A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL15B	TRUE	NONE
12	VCCO3	Power	N/A				
13	IOL22A	I/O	3		True_of_IOL22B	TRUE	NONE
14	IOL22B	I/O	3		Comp_of_IOL22A	TRUE	NONE
15	IOL26A	I/O	3		True_of_IOL26B	TRUE	NONE
16	IOL26B	I/O	3		Comp_of_IOL26A	TRUE	NONE
17	IOB2A	I/O	2		True_of_IOB2B	TRUE	x16
18	IOB2B	I/O	2		Comp_of_IOB2A	TRUE	NONE
19	IOB4A	I/O	2		True_of_IOB4B	TRUE	x16
20	IOB4B	I/O	2		Comp_of_IOB4A	TRUE	NONE
21	VSS	Ground	N/A				
22	VCC	Power	N/A				
23	VCCO2	Power	N/A				
24	VSS	Ground	N/A				
25	IOB8A	I/O	2		True_of_IOB8B	TRUE	x16
26	IOB8B	I/O	2		Comp_of_IOB8A	TRUE	NONE
27	IOB11A	I/O	2		True_of_IOB11B	TRUE	x16
28	IOB11B	I/O	2		Comp_of_IOB11A	TRUE	NONE
29	IOB13A	I/O	2		True_of_IOB13B	TRUE	x16
30	IOB13B	I/O	2		Comp_of_IOB13A	TRUE	NONE
31	IOB17A	I/O	2		True_of_IOB17B	TRUE	x16
32	IOB17B	I/O	2		Comp_of_IOB17A	TRUE	NONE
33	IOB23A	I/O	2		True_of_IOB23B	TRUE	x16
34	IOB23B	I/O	2		Comp_of_IOB23A	TRUE	NONE
35	IOB29A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB29B	TRUE	x16
36	IOB29B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB29A	TRUE	NONE
37	IOB31A	I/O	2		True_of_IOB31B	TRUE	x16
38	IOB31B	I/O	2		Comp_of_IOB31A	TRUE	NONE
39	IOB33A	I/O	2		True_of_IOB33B	TRUE	x16
40	IOB33B	I/O	2		Comp_of_IOB33A	TRUE	NONE
41	IOB41A	I/O	2		True_of_IOB41B	TRUE	x16
42	IOB41B	I/O	2		Comp_of_IOB41A	TRUE	NONE
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	X16
47	IOB43B	I/O	2		Comp_of_IOB43A	TRUE	NONE
48	IOR24B	I/O	1		Comp_of_IOR24A	TRUE	NONE
49	IOR24A	I/O	1		True_of_IOR24B	TRUE	NONE
50	IOR22B	I/O	1		Comp_of_IOR22A	TRUE	NONE
51	IOR17B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR17A	TRUE	NONE
52	IOR17A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR17B	TRUE	NONE
53	IOR15B/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR15A	TRUE	NONE
54	IOR15A/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR15B	TRUE	NONE
55	IOR14B/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR14A	NONE	NONE
56	IOR14A/SO/D1	I/O	1	SO/D1	True_of_IOR14B	NONE	NONE
57	IOR13A/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR13B	TRUE	NONE
58	VCCO1	Power	N/A				
59	IOR12B/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR12A	NONE	NONE
60	IOR12A/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR12B	NONE	NONE
61	IOR11B/MO/D6	I/O	1	MO/D6	Comp_of_IOR11A	TRUE	NONE
62	IOR11A/MI/D7	I/O	1	MI/D7	True_of_IOR11B	TRUE	NONE
63	IOR5A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR5B	NONE	NONE
64	VCCX	Power	N/A				
65	VSS	Ground	N/A				
66	VCC	Power	N/A				
67	VCCO0	Power	N/A				
68	IOT42B	I/O	1		Comp_of_IOT42A	NONE	NONE
69	IOT42A	I/O	1		True_of_IOT42B	NONE	NONE
70	IOT41B	I/O	1		Comp_of_IOT41A	NONE	NONE
71	IOT41A	I/O	1		True_of_IOT41B	NONE	x16
72	IOT39B	I/O	1		Comp_of_IOT39A	NONE	NONE
73	IOT39A	I/O	1		True_of_IOT39B	NONE	x16
74	IOT38B	I/O	1		Comp_of_IOT38A	NONE	NONE
75	IOT38A	I/O	1		True_of_IOT38B	NONE	NONE
76	IOT37B	I/O	1		Comp_of_IOT37A	NONE	NONE
77	IOT37A	I/O	1		True_of_IOT37B	NONE	NONE
78	VCCX	Power	N/A				
79	IOT12B	I/O	3		Comp_of_IOT12A	NONE	NONE
80	IOT12A	I/O	3		True_of_IOT12B	NONE	NONE
81	IOT11B	I/O	3		Comp_of_IOT11A	NONE	NONE
82	IOT11A	I/O	3		True_of_IOT11B	NONE	x16
83	IOT10B	I/O	3		Comp_of_IOT10A	NONE	NONE
84	IOT10A	I/O	3		True_of_IOT10B	NONE	NONE
85	IOT8B	I/O	3		Comp_of_IOT8A	NONE	NONE
86	IOT8A	I/O	3		True_of_IOT8B	NONE	x16
87	IOT6B/MODE1	I/O	3	MODE1	Comp_of_IOT6A	NONE	NONE
88	IOT5A/MODE0	I/O	3	MODE0	True_of_IOT5B	NONE	NONE

注1

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

GW1N-9 PG256

PG256	管脚名	功能	BANK	配置功能	差分Pair	LVDS	X16
A1	VCC	Power	N/A				
A10	IOL18B	I/O	3		Comp_of_IOL18A	NONE	NONE
A11	IOL7A	I/O	3		True_of_IOL7B	NONE	NONE
A12	IOL4B	I/O	3		Comp_of_IOL4A	TRUE	NONE
A13	IOL14B/READY	I/O	3	READY	Comp_of_IOL14A	NONE	NONE
A14	IOL6B/LPLL_C_fb	I/O	3	LPLL_C_fb	Comp_of_IOL6A	TRUE	NONE
A15	IOL2B	I/O	3		Comp_of_IOL2A	TRUE	NONE
A16	VCC	Power	N/A				
A2	IOB12B	I/O	2		Comp_of_IOB12A	NONE	NONE
A3	IOB8A	I/O	2		True_of_IOB8B	TRUE	x16
A4	IOB6A	I/O	2		True_of_IOB6B	TRUE	x16
A5	IOB7A	I/O	2		True_of_IOB7B	NONE	NONE
A6	IOL12B/TDI	I/O	3	TDI	Comp_of_IOL12A	NONE	NONE
A7	IOL11B/TCK	I/O	3	TCK	Comp_of_IOL11A	TRUE	NONE
A8	IOL15B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL15A	TRUE	NONE
A9	IOL9A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL9B	NONE	NONE
B1	IOB11A	I/O	2		True_of_IOB11B	TRUE	x16
B10	IOL13B/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL13A	TRUE	NONE
B11	IOL4A	I/O	3		True_of_IOL4B	TRUE	NONE
B12	IOL5B/LPLL_C_in	I/O	3	LPLL_C_in	Comp_of_IOL5A	NONE	NONE
B13	IOL6A/LPLL_T_fb	I/O	3	LPLL_T_fb	True_of_IOL6B	TRUE	NONE
B14	IOL2A	I/O	3		True_of_IOL2B	TRUE	NONE
B15	VSS	Ground	N/A				
B16	IOT6B/MODE1	I/O	3	MODE1	Comp_of_IOT6A	NONE	NONE
B2	VSS	Ground	N/A				
B3	IOB12A	I/O	2		True_of_IOB12B	NONE	NONE
B4	IOB8B	I/O	2		Comp_of_IOB8A	TRUE	NONE
B5	IOL24B	I/O	3		Comp_of_IOL24A	TRUE	NONE
B6	IOB7B	I/O	2		Comp_of_IOB7A	NONE	NONE
B7	IOL22A	I/O	3		True_of_IOL22B	TRUE	NONE
B8	IOL11A/TMS	I/O	3	TMS	True_of_IOL11B	TRUE	NONE
B9	IOL18A	I/O	3		True_of_IOL18B	NONE	NONE
C1	IOB10A	I/O	2		True_of_IOB10B	NONE	NONE
C10	IOL12A/SCLK	I/O	3	SCLK	True_of_IOL12B	NONE	NONE
C11	IOL7B	I/O	3		Comp_of_IOL7A	NONE	NONE
C12	IOL5A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL5B	NONE	NONE
C13	IOL14A/DONE	I/O	3	DONE	True_of_IOL14B	NONE	NONE
C14	VSS	Ground	N/A				
C15	IOT5B/MODE2	I/O	3	MODE2	Comp_of_IOT5A	NONE	NONE
C16	IOT10A	I/O	3		True_of_IOT10B	NONE	NONE

PG256	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
C2	I0B8B	I/O	DQ4	5		Comp_of_I0B8A	TRUE
C3	VSS	Ground		N/A			
C4	I0L47A/LPLL2_T_fb	I/O	DQ3	6	LPLL2_T_fb	True_of_I0L47B	TRUE
C5	I0B2B	I/O	DQ4	5		Comp_of_I0B2A	TRUE
C6	I0R25A/TDO	I/O	DQ10	2	TDO	True_of_I0R25B	NONE
C7	I0L40B	I/O	DQ2	6		Comp_of_I0L40A	TRUE
C8	I0L29A/GCLKT_6	I/O	DQ2	6	GCLKT_6	True_of_I0L29B	TRUE
C9	I0L27B/GCLKC_7	I/O	DQ1	7	GCLKC_7	Comp_of_I0L27A	NONE
D1	I0B9B	I/O	DQS4	5		Comp_of_I0B9A	NONE
D10	I0L17A	I/O	DQ1	7		True_of_I0L17B	TRUE
D11	I0L22A	I/O	DQS1	7		True_of_I0L22B	TRUE
D12	VCCO7	Power		N/A			
D13	VSS	Ground		N/A			
D14	I0T44A	I/O	DQ13	1		True_of_I0T44B	TRUE
D15	I0T5B	I/O	DQ15	0		Comp_of_I0T5A	NONE
D16	I0T4A	I/O	DQ15	0		True_of_I0T4B	TRUE
D2	I0B14B	I/O	DQ5	5		Comp_of_I0B14A	TRUE
D3	I0B9A	I/O	DQS4	5		True_of_I0B9B	NONE
D4	VSS	Ground		N/A			
D5	VCCO6	Power		N/A			
D6	I0B3A	I/O	DQ4	5		True_of_I0B3B	NONE
D7	I0L53B	I/O	DQ3	6		Comp_of_I0L53A	TRUE
D8	I0L38A	I/O	DQ2	6		True_of_I0L38B	TRUE
D9	I0L35B	I/O	DQ2	6		Comp_of_I0L35A	TRUE
E1	I0B16A	I/O	DQ5	5		True_of_I0B16B	TRUE
E10	I0L17B	I/O	DQ1	7		Comp_of_I0L17A	TRUE
E11	I0L31B	I/O	DQ2	6		Comp_of_I0L31A	TRUE
E12	VSS	Ground		N/A			
E13	VCCO0	Power		N/A			
E14	I0T4B	I/O	DQ15	0		Comp_of_I0T4A	TRUE
E15	I0T44B	I/O	DQ13	1		Comp_of_I0T44A	TRUE
E16	I0T6A	I/O	DQ15	0		True_of_I0T6B	TRUE
E2	I0B12A	I/O	DQ5	5		True_of_I0B12B	TRUE
E3	I0B12B	I/O	DQ5	5		Comp_of_I0B12A	TRUE
E4	VCCO5	Power		N/A			
E5	VSS	Ground		N/A			
E6	I0L53A	I/O	DQ3	6		True_of_I0L53B	TRUE
E7	I0B3B	I/O	DQ4	5		Comp_of_I0B3A	NONE
E8	I0L45B/LPLL2_C_in	I/O	DQ2	6	LPLL2_C_in	Comp_of_I0L45A	NONE
E9	I0L38B	I/O	DQ2	6		Comp_of_I0L38A	TRUE
F1	I0B19B	I/O	DQ5	5		Comp_of_I0B19A	NONE
F10	I0L11A	I/O	DQ1	7		True_of_I0L11B	TRUE
F11	VSS	Ground		N/A			
F12	I0T12A	I/O	DQ14	0		True_of_I0T12B	TRUE
F13	I0T8A	I/O	DQ15	0		True_of_I0T8B	TRUE
F14	I0T9A	I/O	DQS15	0		True_of_I0T9B	NONE
F15	I0T6B	I/O	DQ15	0		Comp_of_I0T6A	TRUE
F16	I0T9B	I/O	DQS15	0		Comp_of_I0T9A	NONE
F2	I0B16B	I/O	DQ5	5		Comp_of_I0B16A	TRUE
F3	I0B19A	I/O	DQ5	5		True_of_I0B19B	NONE
F4	I0B18A	I/O	DQ5	5		True_of_I0B18B	TRUE
F5	I0B22A	I/O	DQ5	5		True_of_I0B22B	TRUE
F6	VSS	Ground		N/A			

PG256	管脚名	功能	BANK	配置功能	差分Pair	LVDS	X16
C2	I0B11B	I/O	2		Comp_of_I0B11A	TRUE	NONE
C3	VSS	Ground	N/A				
C4	I0L24A	I/O	3		True_of_I0L24B	TRUE	NONE
C5	I0B6B	I/O	2		Comp_of_I0B6A	TRUE	NONE
C6	I0L13A/TDO	I/O	3	TDO	True_of_I0L13B	TRUE	NONE
C7	I0L22B	I/O	3		Comp_of_I0L22A	TRUE	NONE
C8	I0L15A/GCLKT_6	I/O	3	GCLKT_6	True_of_I0L15B	TRUE	NONE
C9	I0L9B/GCLKC_7	I/O	3	GCLKC_7	Comp_of_I0L9A	NONE	NONE
D1	I0B9B	I/O	2		Comp_of_I0B9A	NONE	NONE
D10	I0L8A	I/O	3		True_of_I0L8B	TRUE	NONE
D11	I0L3B	I/O	3		Comp_of_I0L3A	NONE	NONE
D12	VCCO3	Power	N/A				
D13	VSS	Ground	N/A				
D14	I0T38A	I/O	1		True_of_I0T38B	NONE	NONE
D15	I0T10B	I/O	3		Comp_of_I0T10A	NONE	NONE
D16	I0T9A	I/O	3		True_of_I0T9B	NONE	NONE
D2	I0B10B	I/O	2		Comp_of_I0B10A	NONE	NONE
D3	I0B9A	I/O	2		True_of_I0B9B	NONE	NONE
D4	VSS	Ground	N/A				
D5	VCCO3	Power	N/A				
D6	I0B5A	I/O	2		True_of_I0B5B	NONE	NONE
D7	I0L25B	I/O	3		Comp_of_I0L25A	NONE	NONE
D8	I0L21A	I/O	3		True_of_I0L21B	NONE	NONE
D9	I0L20B	I/O	3		Comp_of_I0L20A	TRUE	NONE
E1	I0B14A	I/O	2		True_of_I0B14B	NONE	NONE
E10	I0L8B	I/O	3		Comp_of_I0L8A	TRUE	NONE
E11	I0L16B	I/O	3		Comp_of_I0L16A	NONE	NONE
E12	VSS	Ground	N/A				
E13	VCCO0	Power	N/A				
E14	I0T9B	I/O	3		Comp_of_I0T9A	NONE	NONE
E15	I0T38B	I/O	1		Comp_of_I0T38A	NONE	NONE
E16	I0T13A	I/O	0		True_of_I0T13B	NONE	x16
E2	I0B13A	I/O	2		True_of_I0B13B	TRUE	x16
E3	I0B13B	I/O	2		Comp_of_I0B13A	TRUE	NONE
E4	VCCO2	Power	N/A				
E5	VSS	Ground	N/A				
E6	I0L25A	I/O	3		True_of_I0L25B	NONE	NONE
E7	I0B5B	I/O	2		Comp_of_I0B5A	NONE	NONE
E8	I0L23B	I/O	3		Comp_of_I0L23A	NONE	NONE
E9	I0L21B	I/O	3		Comp_of_I0L21A	NONE	NONE
F1	I0B16B	I/O	2		Comp_of_I0B16A	NONE	NONE
F10	I0L3A	I/O	3		True_of_I0L3B	NONE	NONE
F11	VSS	Ground	N/A				
F12	I0T16A	I/O	0		True_of_I0T16B	NONE	NONE
F13	I0T15A	I/O	0		True_of_I0T15B	NONE	x16
F14	I0T14A	I/O	0		True_of_I0T14B	NONE	NONE
F15	I0T13B	I/O	0		Comp_of_I0T13A	NONE	NONE
F16	I0T14B	I/O	0		Comp_of_I0T14A	NONE	NONE
F2	I0B14B	I/O	2		Comp_of_I0B14A	NONE	NONE
F3	I0B16A	I/O	2		True_of_I0B16B	NONE	NONE
F4	I0B15A	I/O	2		True_of_I0B15B	TRUE	x16
F5	I0B23A	I/O	2		True_of_I0B23B	TRUE	x16
F6	VSS	Ground	N/A				

PG256	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
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
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			

PG256	管脚名	功能	BANK	配置功能	差分Pair	LVDS	X16
F7	IOL23A	I/O	3		True_of_IOL23B	NONE	NONE
F8	IOL20A	I/O	3		True_of_IOL20B	TRUE	NONE
F9	IOL16A	I/O	3		True_of_IOL16B	NONE	NONE
G1	IOB26A	I/O	2		True_of_IOB26B	NONE	NONE
G10	VCC	Power	N/A				
G11	IOT19A	I/O	0		True_of_IOT19B	NONE	NONE
G12	IOT15B	I/O	0		Comp_of_IOT15A	NONE	NONE
G13	IOT16B	I/O	0		Comp_of_IOT16A	NONE	NONE
G14	IOT17B	I/O	0		Comp_of_IOT17A	NONE	NONE
G15	IOT17A	I/O	0		True_of_IOT17B	NONE	x16
G16	IOT20A	I/O	0		True_of_IOT20B	NONE	NONE
G2	IOB22A	I/O	2		True_of_IOB22B	NONE	NONE
G3	IOB22B	I/O	2		Comp_of_IOB22A	NONE	NONE
G4	IOB17B	I/O	2		Comp_of_IOB17A	TRUE	NONE
G5	IOB17A	I/O	2		True_of_IOB17B	TRUE	x16
G6	IOB15B	I/O	2		Comp_of_IOB15A	TRUE	NONE
G7	VCC	Power	N/A				
G8	VCCX	Power	N/A				
G9	VCCO3	Power	N/A				
H1	IOB30B	I/O	2		Comp_of_IOB30A	NONE	NONE
H10	VCCO0	Power	N/A				
H11	IOT28A/GCLKT_0	I/O	0	GCLKT_0	True_of_IOT28B	NONE	NONE
H12	IOT19B	I/O	0		Comp_of_IOT19A	NONE	NONE
H13	IOT22A	I/O	0		True_of_IOT22B	NONE	NONE
H14	IOT23A	I/O	0		True_of_IOT23B	NONE	x16
H15	IOT20B	I/O	0		Comp_of_IOT20A	NONE	NONE
H16	IOT23B	I/O	0		Comp_of_IOT23A	NONE	NONE
H2	IOB26B	I/O	2		Comp_of_IOB26A	NONE	NONE
H3	IOB30A	I/O	2		True_of_IOB30B	NONE	NONE
H4	IOB27A	I/O	2		True_of_IOB27B	TRUE	x16
H5	IOB32A	I/O	2		True_of_IOB32B	NONE	NONE
H6	IOB23B	I/O	2		Comp_of_IOB23A	TRUE	NONE
H7	VCCO2	Power	N/A				
H8	VSS	Ground	N/A				
H9	VSS	Ground	N/A				
J1	IOB28A/GCLKT_5	I/O	2	GCLKT_5	True_of_IOB28B	NONE	NONE
J10	VCCO0	Power	N/A				
J11	IOT30A	I/O	0		True_of_IOT30B	NONE	NONE
J12	IOT22B	I/O	0		Comp_of_IOT22A	NONE	NONE
J13	IOT28B/GCLKC_0	I/O	0	GCLKC_0	Comp_of_IOT28A	NONE	NONE
J14	IOT25B	I/O	0		Comp_of_IOT25A	NONE	NONE
J15	IOT27A	I/O	0		True_of_IOT27B	NONE	x16
J16	IOT25A	I/O	0		True_of_IOT25B	NONE	x16
J2	IOB31A	I/O	2		True_of_IOB31B	TRUE	x16
J3	IOB28B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB28A	NONE	NONE
J4	IOB32B	I/O	2		Comp_of_IOB32A	NONE	NONE
J5	IOB34A	I/O	2		True_of_IOB34B	NONE	NONE
J6	IOB27B	I/O	2		Comp_of_IOB27A	TRUE	NONE
J7	VCCO2	Power	N/A				
J8	VSS	Ground	N/A				
J9	VSS	Ground	N/A				
K1	IOB31B	I/O	2		Comp_of_IOB31A	TRUE	NONE
K10	VCC	Power	N/A				

PG256	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
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
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

PG256	管脚名	功能	BANK	配置功能	差分Pair	LVDS	X16
K11	IOT36A	I/O	1		True_of_IOT36B	NONE	NONE
K12	IOT34B	I/O	0		Comp_of_IOT34A	NONE	NONE
K13	IOT34A	I/O	0		True_of_IOT34B	NONE	NONE
K14	IOT29A/GCLKT_1	I/O	0	GCLKT_1	True_of_IOT29B	NONE	x16
K15	IOT29B/GCLKC_1	I/O	0	GCLKC_1	Comp_of_IOT29A	NONE	NONE
K16	IOT27B	I/O	0		Comp_of_IOT27A	NONE	NONE
K2	IOB33B	I/O	2		Comp_of_IOB33A	TRUE	NONE
K3	IOB33A	I/O	2		True_of_IOB33B	TRUE	x16
K4	IOB36A	I/O	2		True_of_IOB36B	NONE	NONE
K5	IOB37A	I/O	2		True_of_IOB37B	NONE	NONE
K6	IOB34B	I/O	2		Comp_of_IOB34A	NONE	NONE
K7	VCC	Power	N/A				
K8	VCCO1	Power	N/A				
K9	VCCX	Power	N/A				
L1	IOB35A	I/O	2		True_of_IOB35B	TRUE	x16
L10	IOR12B/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR12A	NONE	NONE
L11	VSS	Ground	N/A				
L12	IOT30B	I/O	0		Comp_of_IOT30A	NONE	NONE
L13	IOT36B	I/O	1		Comp_of_IOT36A	NONE	NONE
L14	IOT32B	I/O	0		Comp_of_IOT32A	NONE	NONE
L15	IOT2A	I/O	3		True_of_IOT2B	NONE	x16
L16	IOT32A	I/O	0		True_of_IOT32B	NONE	NONE
L2	IOB29A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB29B	TRUE	x16
L3	IOB35B	I/O	2		Comp_of_IOB35A	TRUE	NONE
L4	IOB37B	I/O	2		Comp_of_IOB37A	NONE	NONE
L5	IOB36B	I/O	2		Comp_of_IOB36A	NONE	NONE
L6	VSS	Ground	N/A				
L7	IOR24B	I/O	1		Comp_of_IOR24A	TRUE	NONE
L8	IOR21B	I/O	1		Comp_of_IOR21A	NONE	NONE
L9	IOR18B	I/O	1		Comp_of_IOR18A	NONE	NONE
M1	IOB29B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB29A	TRUE	NONE
M10	IOR7A	I/O	1		True_of_IOR7B	NONE	NONE
M11	IOR9B/GCLKC_2	I/O	1	GCLKC_2	Comp_of_IOR9A	NONE	NONE
M12	VSS	Ground	N/A				
M13	VCCO0	Power	N/A				
M14	IOT37A	I/O	1		True_of_IOT37B	NONE	NONE
M15	IOT37B	I/O	1		Comp_of_IOT37A	NONE	NONE
M16	IOT5A/MODE0	I/O	3	MODE0	True_of_IOT5B	NONE	NONE
M2	IOB40A	I/O	2		True_of_IOB40B	NONE	NONE
M3	IOB39A	I/O	2		True_of_IOB39B	TRUE	x16
M4	VCCO2	Power	N/A				
M5	VSS	Ground	N/A				
M6	IOR21A	I/O	1		True_of_IOR21B	NONE	NONE
M7	IOR22A	I/O	1		True_of_IOR22B	TRUE	NONE
M8	IOR14A/SO/D1	I/O	1	SO/D1	True_of_IOR14B	NONE	NONE
M9	IOR12A/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR12B	NONE	NONE
N1	IOB39B	I/O	2		Comp_of_IOB39A	TRUE	NONE
N10	IOR9A/GCLKT_2	I/O	1	GCLKT_2	True_of_IOR9B	NONE	NONE
N11	IOR7B	I/O	1		Comp_of_IOR7A	NONE	NONE
N12	VCCO1	Power	N/A				
N13	VSS	Ground	N/A				
N14	IOT41B	I/O	1		Comp_of_IOT41A	NONE	NONE
N15	IOT39A	I/O	1		True_of_IOT39B	NONE	x16

PG256	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
N16	IOT52A	I/O	DQ12	1		True_of_IOT52B	TRUE
N2	I0B41A	I/O	DQ6	4		True_of_I0B41B	NONE
N3	I0B43B	I/O	DQ6	4		Comp_of_I0B43A	NONE
N4	VSS	Ground		N/A			
N5	VCCO3	Power		N/A			
N6	I0R51A	I/O	DQ8	3		True_of_I0R51B	TRUE
N7	I0R47B/RPLL2_C_fb	I/O	DQ8	3	RPLL2_C_fb	Comp_of_I0R47A	TRUE
N8	I0R40A	I/O	DQ9	3		True_of_I0R40B	TRUE
N9	I0R36B/SSPI_CS_N/D0	I/O	DQS9	3	SSPI_CS_N/D0	Comp_of_I0R36A	NONE
P1	I0B41B	I/O	DQ6	4		Comp_of_I0B41A	NONE
P10	I0R33A/MI/D7	I/O	DQ9	3	MI/D7	True_of_I0R33B	TRUE
P11	I0R24B	I/O	DQ10	2		Comp_of_I0R24A	TRUE
P12	I0R8A/RPLL1_T_fb	I/O	DQ11	2	RPLL1_T_fb	True_of_I0R8B	TRUE
P13	I0R11B	I/O	DQ10	2		Comp_of_I0R11A	TRUE
P14	VSS	Ground		N/A			
P15	I0T54A	I/O	DQ12	1		True_of_I0T54B	TRUE
P16	I0T48B	I/O	DQS12	1		Comp_of_I0T48A	TRUE
P2	I0B44B	I/O	DQ6	4		Comp_of_I0B44A	TRUE
P3	VSS	Ground		N/A			
P4	I0B45A	I/O	DQ6	4		True_of_I0B45B	NONE
P5	I0B50A	I/O	DQ7	4		True_of_I0B50B	TRUE
P6	I0R53A	I/O	DQ8	3		True_of_I0R53B	TRUE
P7	I0R49B	I/O	DQ8	3		Comp_of_I0R49A	TRUE
P8	I0R42A	I/O	DQ9	3		True_of_I0R42B	TRUE
P9	I0R38B/DOUT/WE_N	I/O	DQ9	3	DOUT/WE_N	Comp_of_I0R38A	TRUE
R1	I0B44A	I/O	DQ6	4		True_of_I0B44B	TRUE
R10	I0R33B/MO/D6	I/O	DQ9	3	MO/D6	Comp_of_I0R33A	TRUE
R11	I0R17A	I/O	DQ10	2		True_of_I0R17B	TRUE
R12	I0R11A	I/O	DQ10	2		True_of_I0R11B	TRUE
R13	I0R20A	I/O	DQ10	2		True_of_I0R20B	TRUE
R14	I0R7B/RPLL1_C_in	I/O	DQ11	2	RPLL1_C_in	Comp_of_I0R7A	NONE
R15	VSS	Ground		N/A			
R16	I0T54B	I/O	DQ12	1		Comp_of_I0T54A	TRUE
R2	VSS	Ground		N/A			
R3	I0B48A	I/O	DQS7	4		True_of_I0B48B	TRUE
R4	I0B52A	I/O	DQ7	4		True_of_I0B52B	TRUE
R5	I0B50B	I/O	DQ7	4		Comp_of_I0B50A	TRUE
R6	I0B54A	I/O	DQ7	4		True_of_I0B54B	TRUE
R7	I0R49A	I/O	DQ8	3		True_of_I0R49B	TRUE
R8	I0R29B/GCLKC_3	I/O	DQ9	3	GCLKC_3	Comp_of_I0R29A	TRUE
R9	I0R35A/FASTRD_N/D3	I/O	DQ9	3	FASTRD_N/D3	True_of_I0R35B	TRUE
T1	VCC	Power		N/A			
T10	I0R35B/SI/D2	I/O	DQ9	3	SI/D2	Comp_of_I0R35A	TRUE
T11	I0R24A	I/O	DQ10	2		True_of_I0R24B	TRUE
T12	I0R17B	I/O	DQ10	2		Comp_of_I0R17A	TRUE
T13	I0R8B/RPLL1_C_fb	I/O	DQ11	2	RPLL1_C_fb	Comp_of_I0R8A	TRUE
T14	I0R20B	I/O	DQ10	2		Comp_of_I0R20A	TRUE
T15	I0R7A/RPLL1_T_in	I/O	DQ11	2	RPLL1_T_in	True_of_I0R7B	NONE
T16	VCC	Power		N/A			
T2	I0B48B	I/O	DQS7	4		Comp_of_I0B48A	TRUE
T3	I0B52B	I/O	DQ7	4		Comp_of_I0B52A	TRUE
T4	I0B45B	I/O	DQ6	4		Comp_of_I0B45A	NONE

PG256	管脚名	功能	BANK	配置功能	差分Pair	LVDS	X16
N16	IOT41A	I/O	1		True_of_IOT41B	NONE	x16
N2	I0B38A	I/O	2		True_of_I0B38B	NONE	NONE
N3	I0B40B	I/O	2		Comp_of_I0B40A	NONE	NONE
N4	VSS	Ground	N/A				
N5	VCCO1	Power	N/A				
N6	I0R24A	I/O	1		True_of_I0R24B	TRUE	NONE
N7	I0R22B	I/O	1		Comp_of_I0R22A	TRUE	NONE
N8	I0R18A	I/O	1		True_of_I0R18B	NONE	NONE
N9	I0R14B/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_I0R14A	NONE	NONE
P1	I0B38B	I/O	2		Comp_of_I0B38A	NONE	NONE
P10	I0R11A/MI/D7	I/O	1	MI/D7	True_of_I0R11B	TRUE	NONE
P11	I0R8B	I/O	1		Comp_of_I0R8A	TRUE	NONE
P12	I0R6A/RPLL_T_fb	I/O	1	RPLL_T_fb	True_of_I0R6B	TRUE	NONE
P13	I0T46B	I/O	1		Comp_of_I0T46A	NONE	NONE
P14	VSS	Ground	N/A				
P15	I0T42A	I/O	1		True_of_I0T42B	NONE	NONE
P16	I0T39B	I/O	1		Comp_of_I0T39A	NONE	NONE
P2	I0B41B	I/O	2		Comp_of_I0B41A	TRUE	NONE
P3	VSS	Ground	N/A				
P4	I0B42B	I/O	2		Comp_of_I0B42A	NONE	NONE
P5	I0B44B	I/O	2		Comp_of_I0B44A	NONE	NONE
P6	I0R25A	I/O	1		True_of_I0R25B	NONE	NONE
P7	I0R23B	I/O	1		Comp_of_I0R23A	NONE	NONE
P8	I0R20A	I/O	1		True_of_I0R20B	TRUE	NONE
P9	I0R15B/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_I0R15A	TRUE	NONE
R1	I0B41A	I/O	2		True_of_I0B41B	TRUE	x16
R10	I0R11B/MO/D6	I/O	1	MO/D6	Comp_of_I0R11A	TRUE	NONE
R11	I0R3A	I/O	1		True_of_I0R3B	NONE	NONE
R12	I0T46A	I/O	1		True_of_I0T46B	NONE	NONE
R13	I0R4A	I/O	1		True_of_I0R4B	TRUE	NONE
R14	I0R5B/RPLL_C_in	I/O	1	RPLL_C_in	Comp_of_I0R5A	NONE	NONE
R15	VSS	Ground	N/A				
R16	I0T42B	I/O	1		Comp_of_I0T42A	NONE	NONE
R2	VSS	Ground	N/A				
R3	I0B43B	I/O	2		Comp_of_I0B43A	TRUE	NONE
R4	I0B45B	I/O	2		Comp_of_I0B45A	TRUE	NONE
R5	I0B44A	I/O	2		True_of_I0B44B	NONE	NONE
R6	I0R27B	I/O	1		Comp_of_I0R27A	NONE	NONE
R7	I0R23A	I/O	1		True_of_I0R23B	NONE	NONE
R8	I0R17B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_I0R17A	TRUE	NONE
R9	I0R13A/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_I0R13B	TRUE	NONE
T1	VCC	Power	N/A				
T10	I0R13B/SI/D2	I/O	1	SI/D2	Comp_of_I0R13A	TRUE	NONE
T11	I0R8A	I/O	1		True_of_I0R8B	TRUE	NONE
T12	I0R3B	I/O	1		Comp_of_I0R3A	NONE	NONE
T13	I0R6B/RPLL_C_fb	I/O	1	RPLL_C_fb	Comp_of_I0R6A	TRUE	NONE
T14	I0R4B	I/O	1		Comp_of_I0R4A	TRUE	NONE
T15	I0R5A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_I0R5B	NONE	NONE
T16	VCC	Power	N/A				
T2	I0B43A	I/O	2		True_of_I0B43B	TRUE	x16
T3	I0B45A	I/O	2		True_of_I0B45B	TRUE	x16
T4	I0B42A	I/O	2		True_of_I0B42B	NONE	NONE

PG256	管脚名	功能	DQS	BANK	配置功能	差分Pair	LVDS
T5	I0B54B	I/O	DQ7	4		Comp_of_I0B54A	TRUE
T6	I0R53B	I/O	DQ8	3		Comp_of_I0R53A	TRUE
T7	I0R29A/GCLKT_3	I/O	DQ9	3	GCLKT_3	True_of_I0R29B	TRUE
T8	I0R42B	I/O	DQ9	3		Comp_of_I0R42A	TRUE
T9	I0R38A/DIN/CLKHOLD_N	I/O	DQ9	3	DIN/CLKHOLD_N	True_of_I0R38B	TRUE

PG256	管脚名	功能	BANK	配置功能	差分Pair	LVDS	X16
T5	I0R27A	I/O	1		True_of_I0R27B	NONE	NONE
T6	I0R25B	I/O	1		Comp_of_I0R25A	NONE	NONE
T7	I0R17A/GCLKT_3	I/O	1	GCLKT_3	True_of_I0R17B	TRUE	NONE
T8	I0R20B	I/O	1		Comp_of_I0R20A	TRUE	NONE
T9	I0R15A/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_I0R15B	TRUE	NONE