Date	Version	Description
04/05/2018	1.0E	Initial version.
07/08/2019	1.1E	The compatibility comparison of MG160 updated.
06/13/2022	1.2E	The compatibility comparison of QN32, QN48, QN88, LQ100, LQ144, MG160, and PG256 updated.

Note!

The shading with different colors are defined as follows:

1		different pin functions;
2		different configuration functions;
3		different BANK;
4		different TRUE LVDS;
5		different power;
6	Pins with no shading are compatible.	

GW1N-1 QN32

QN32	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
1	IOL10B	I/O	3		Comp_of_IOL10A	
2	VCC	Power	N/A			
3	VSS	Ground	N/A			
4	IOB11A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB11B	
5	IOB11B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB11A	
6	IOB16A	I/O	2		True_of_IOB16B	
7	VCCO1/VCCO2	Power	N/A			
8	IOR7B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR7A	
9	IOR7A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR7B	
10	IOR6H/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR6G	
11	IOR6G/SO/D1	I/O	1	SO/D1	True_of_IOR6H	
12	IOR6F/SI/D2	I/O	1	SI/D2	Comp_of_IOR6E	
13	IOR5B/GCLKC_2/RPLL_C_in	I/O	1	GCLKC_2/RPLL_C_in	Comp_of_IOR5A	
14	IOR5A/GCLKT_2/RPLL_T_in	I/O	1	GCLKT_2/RPLL_T_in	True_of_IOR5B	
15	IOR4A/RPLL_T_fb	I/O	1	RPLL_T_fb	True_of_IOR4B	
16	IOR2B	I/O	1		Comp_of_IOR2A	
17	IOR2A	I/O	1		True_of_IOR2B	
18	VCC	Power	N/A			
19	VCCO0	Power	N/A			
20	IOT11A	I/O	0		True_of_IOT11B	
21	IOT10B	I/O	0		Comp_of_IOT10A	
22	IOT10A	I/O	0		True_of_IOT10B	
23	IOT2B/MODE0	I/O	0	MODE0	Comp_of_IOT2A	
24	IOL6A/TMS	I/O	3	TMS	True_of_IOL6B	
25	IOL6B/TCK	I/O	3	TCK	Comp_of_IOL6A	

GW1N-4 QN32

QN32	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
1	IOB4B	I/O	2		Comp_of_IOB4A	TRUE
2	VCC	Power	N/A			
3	VSS	Ground	N/A			
4	IOB20A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB20B	TRUE
5	IOB20B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB20A	TRUE
6	VCCO2	Power	N/A			
7	VCCO1	Power	N/A			
8	IOR11B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR11A	TRUE
9	IOR11A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR11B	TRUE
10	IOR10D/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR10C	NONE
11	IOR10C/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR10D	NONE
12	IOR10B/MO/D6	I/O	1	MO/D6	Comp_of_IOR10A	NONE
13	IOR10A/MI/D7	I/O	1	MI/D7	True_of_IOR10B	NONE
14	IOR9A/GCLKT_2	I/O	1	GCLKT_2	True_of_IOR9B	NONE
15	VCCX	Power	N/A			
16	IOR3B/RPLL_C_in	I/O	1	RPLL_C_in	Comp_of_IOR3A	NONE
17	IOR3A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR3B	NONE
18	VCC	Power	N/A			
19	VCCO0	Power	N/A			
20	IOT17A	I/O	0		True_of_IOT17B	NONE
21	IOT16B	I/O	0	MCLK/D5	Comp_of_IOT16A	NONE
22	IOT16A	I/O	0	MCS_N/D6	True_of_IOT16B	NONE
23	IOT3B/MODE1	I/O	0	MODE1	Comp_of_IOT3A	NONE
24	IOL10A/TMS	I/O	3	TMS	True_of_IOL10B	NONE
25	IOL10B/TCK	I/O	3	TCK	Comp_of_IOL10A	NONE

GW1N-1 QN32

QN32	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
26	IOL6C/SCLK	I/O	3	SCLK	True_of_IOL6D	
27	IOL6D/TDI	I/O	3	TDI	Comp_of_IOL6C	
28	IOL6E/TDO	I/O	3	TDO	True_of_IOL6F	
29	IOL7A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL7B	
30	IOL7B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL7A	
31	VCCO3	Power	N/A			
32	IOL10A	I/O	3		True_of_IOL10B	

GW1N-4 QN32

QN32	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
26	IOL9A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL9B	NONE
27	IOL10D/TDI	I/O	3	TDI	Comp_of_IOL10C	NONE
28	IOL10E/TDO	I/O	3	TDO	True_of_IOL10F	NONE
29	IOL10F/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL10E	NONE
30	IOL10G/DONE	I/O	3	DONE	True_of_IOL10H	NONE
31	VCCO3	Power	N/A			
32	IOB4A	I/O	2		True_of_IOB4B	TRUE

Note!
The shading with different colors are defined as follows:

1	different pin functions;
2	different configuration functions;
3	different BANK;
4	different TRUE LVDS;
5	different power;
6	Pins with no shading are compatible.

GW1N-1 QN48

QN48	Pin Name	Function	BANK	Configuration Function	Differential Pair
1	VCCO0/VCCO3	Power	N/A		
2	VSS	Ground	N/A		
3	IOL6A/TMS	I/O	3	TMS	True_of_IOL6B
4	IOL6B/TCK	I/O	3	TCK	Comp_of_IOL6A
5	IOL6C/SCLK	I/O	3	SCLK	True_of_IOL6D
6	IOL6D/TDI	I/O	3	TDI	Comp_of_IOL6C
7	IOL6E/TDO	I/O	3	TDO	True_of_IOL6F
8	IOL6F/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL6E
9	IOL6G/DONE	I/O	3	DONE	True_of_IOL6H
10	IOL7A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL7B
11	IOL7B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL7A
12	VCC	Power	N/A		
13	IOB3A	I/O	2		True_of_IOB3B
14	IOB3B	I/O	2		Comp_of_IOB3A
15	IOB6B	I/O	2		Comp_of_IOB6A
16	IOB7A	I/O	2		True_of_IOB7B
17	IOB10A/GCLKT_5	I/O	2	GCLKT_5	True_of_IOB10B
18	IOB10B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB10A
19	IOB11A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB11B
20	IOB11B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB11A
21	IOB14A	I/O	2		True_of_IOB14B
22	IOB14B	I/O	2		Comp_of_IOB14A
23	IOB16A	I/O	2		True_of_IOB16B
24	IOB16B	I/O	2		Comp_of_IOB16A
25	VCCO2	Power	N/A		
26	VSS	Ground	N/A		
27	IOR7A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR7B
28	IOR6H/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR6G
29	IOR6G/SO/D1	I/O	1	SO/D1	True_of_IOR6H
30	IOR6F/SI/D2	I/O	1	SI/D2	Comp_of_IOR6E
31	IOR6D/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR6C
32	IOR6C/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR6D
33	IOR6B/MO/D6	I/O	1	MO/D6	Comp_of_IOR6A
34	IOR6A/MI/D7	I/O	1	MI/D7	True_of_IOR6B
35	IOR5A/GCLKT_2/RPLL_T_in	I/O	1	GCLKT_2/RPLL_T_in	True_of_IOR5B
36	VCCO1	Power	N/A		
37	VCC	Power	N/A		
38	IOT17B	I/O	0		Comp_of_IOT17A
39	IOT17A	I/O	0		True_of_IOT17B
40	IOT14B	I/O	0		Comp_of_IOT14A
41	IOT14A	I/O	0		True_of_IOT14B
42	IOT10B	I/O	0		Comp_of_IOT10A
43	IOT10A	I/O	0		True_of_IOT10B
44	IOT7B	I/O	0		Comp_of_IOT7A
45	IOT7A	I/O	0		True_of_IOT7B
46	IOT5B	I/O	0		Comp_of_IOT5A
47	IOT3B/MODE1	I/O	0	MODE1	Comp_of_IOT3A

GW1N-4 QN48

QN48	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
1	VCCO0/VCCO3	Power	N/A			
2	VSS	Ground	N/A			
3	IOL3A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL3B	NONE
4	IOL10A/TMS	I/O	3	TMS	True_of_IOL10B	NONE
5	IOL10B/TCK	I/O	3	TCK	Comp_of_IOL10A	NONE
6	IOL10D/TDI	I/O	3	TDI	Comp_of_IOL10C	NONE
7	IOL10E/TDO	I/O	3	TDO	True_of_IOL10F	NONE
8	IOL10F/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL10E	NONE
9	IOL10G/DONE	I/O	3	DONE	True_of_IOL10H	NONE
10	IOL11A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL11B	TRUE
11	IOL11B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL11A	TRUE
12	VCC	Power	N/A			
13	IOB6A	I/O	2		True_of_IOB6B	TRUE
14	IOB6B	I/O	2		Comp_of_IOB6A	TRUE
15	IOB12A	I/O	2		True_of_IOB12B	TRUE
16	IOB12B	I/O	2		Comp_of_IOB12A	TRUE
17	IOB18A	I/O	2		True_of_IOB18B	TRUE
18	IOB18B	I/O	2		Comp_of_IOB18A	TRUE
19	IOB20A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB20B	TRUE
20	IOB20B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB20A	TRUE
21	IOB26A	I/O	2		True_of_IOB26B	TRUE
22	IOB26B	I/O	2		Comp_of_IOB26A	TRUE
23	IOB32A	I/O	2		True_of_IOB32B	TRUE
24	IOB32B	I/O	2		Comp_of_IOB32A	TRUE
25	VCCO1/VCCO2	Power	N/A			
26	VSS	Ground	N/A			
27	IOR17B	I/O	1		Comp_of_IOR17A	TRUE
28	IOR17A	I/O	1		True_of_IOR17B	TRUE
29	IOR11B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR11A	TRUE
30	IOR11A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR11B	TRUE
31	IOR10D/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR10C	NONE
32	IOR10C/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR10D	NONE
33	IOR10B/MO/D6	I/O	1	MO/D6	Comp_of_IOR10A	NONE
34	IOR10A/MI/D7	I/O	1	MI/D7	True_of_IOR10B	NONE
35	IOR3A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR3B	NONE
36	VCCX	Power	N/A			
37	VCC	Power	N/A			
38	IOT35B	I/O	0		Comp_of_IOT35A	NONE
39	IOT35A	I/O	0		True_of_IOT35B	NONE
40	IOT30B	I/O	0		Comp_of_IOT30A	NONE
41	IOT30A	I/O	0		True_of_IOT30B	NONE
42	IOT24B	I/O	0		Comp_of_IOT24A	NONE
43	IOT24A	I/O	0		True_of_IOT24B	NONE
44	IOT16B	I/O	0		Comp_of_IOT16A	NONE
45	IOT16A	I/O	0		True_of_IOT16B	NONE
46	IOT9B	I/O	0		Comp_of_IOT9A	NONE
47	IOT9A	I/O	0		True_of_IOT9B	NONE

GW1N-9 QN48

QN48	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
1	VCCO0/VCCO3	Power	N/A			
2	VSS	Ground	N/A			
3	IOL5A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL5B	NONE
4	IOL11A/TMS	I/O	3	TMS	True_of_IOL11B	TRUE
5	IOL11B/TCK	I/O	3	TCK	Comp_of_IOL11A	TRUE
6	IOL12B/TDI	I/O	3	TDI	Comp_of_IOL12A	NONE
7	IOL13A/TDO	I/O	3	TDO	True_of_IOL13B	TRUE
8	IOL13B/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL13A	TRUE
9	IOL14A/DONE	I/O	3	DONE	True_of_IOL14B	NONE
10	IOL15A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL15B	TRUE
11	IOL15B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL15A	TRUE
12	VCC	Power	N/A			
13	IOB8A	I/O	2		True_of_IOB8B	TRUE
14	IOB8B	I/O	2		Comp_of_IOB8A	TRUE
15	IOB17A	I/O	2		True_of_IOB17B	TRUE
16	IOB17B	I/O	2		Comp_of_IOB17A	TRUE
17	IOB27A	I/O	2		True_of_IOB27B	TRUE
18	IOB27B	I/O	2		Comp_of_IOB27A	TRUE
19	IOB29A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB29B	TRUE
20	IOB29B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB29A	TRUE
21	IOB35A	I/O	2		True_of_IOB35B	TRUE
22	IOB35B	I/O	2		Comp_of_IOB35A	TRUE
23	IOB39A	I/O	2		True_of_IOB39B	TRUE
24	IOB39B	I/O	2		Comp_of_IOB39A	TRUE
25	VCCO1/VCCO2	Power	N/A			
26	VSS	Ground	N/A			
27	IOR24B	I/O	1		Comp_of_IOR24A	TRUE
28	IOR24A	I/O	1		True_of_IOR24B	TRUE
29	IOR17B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR17A	TRUE
30	IOR17A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR17B	TRUE
31	IOR12B/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR12A	NONE
32	IOR12A/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR12B	NONE
33	IOR11B/MO/D6	I/O	1	MO/D6	Comp_of_IOR11A	TRUE
34	IOR11A/MI/D7	I/O	1	MI/D7	True_of_IOR11B	TRUE
35	IOR5A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR5B	NONE
36	VCCX	Power	N/A			
37	VCC	Power	N/A			
38	IOT42B	I/O	1		Comp_of_IOT42A	NONE
39	IOT42A	I/O	1		True_of_IOT42B	NONE
40	IOT37B	I/O	1		Comp_of_IOT37A	NONE
41	IOT37A	I/O	1		True_of_IOT37B	NONE
42	IOT32B	I/O	0		Comp_of_IOT32A	NONE
43	IOT32A	I/O	0		True_of_IOT32B	NONE
44	IOT22B	I/O	0		Comp_of_IOT22A	NONE
45	IOT22A	I/O	0		True_of_IOT22B	NONE
46	IOT12B	I/O	3		Comp_of_IOT12A	NONE
47	IOT12A	I/O	3		True_of_IOT12B	NONE

GW1N-1 QN48

QN48	Pin Name	Function	BANK	Configuration Function	Differential Pair
48	IOT2B/MODE0	I/O	0	MODE0	Comp_of_IOT2A

GW1N-4 QN48

QN48	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
48	IOT3B/MODE1	I/O	0	MODE1	Comp_of_IOT3A	NONE

GW1N-9 QN48

QN48	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
48	IOT6B/MODE1	I/O	3	MODE1	Comp_of_IOT6A	NONE

Note!

The shading with different colors are defined as follows:

1. different pin functions;
2. different configuration functions;
3. different BANK;
4. different TRUE LVDS;
5. different power;
6. Pins with no shading are compatible.

GW1N-4 QN88

QN88	Pin Name	Function	BANK	Configuration Function	Differential 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

GW1N-9 QN88

QN88	Pin Name	Function	BANK	Configuration Function	Differential 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

GW1N-4 QN88

QN88	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
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			
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			

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QN88	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS	X16
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				
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				

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QN88	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
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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QN88	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS	X16
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

Note!

The shading with different colors are defined as follows:

1	different pin functions;
2	different configuration functions;
3	different BANK;
4	different TRUE LVDS;
5	different power;
6	Pins with no shading are compatible.

GW1N-1 LQ100

LQ100	Pin Name	Function	BANK	Configuration Function	Differential Pair
1	VCC	Power	N/A		
2	VSS	Ground	N/A		
3	IOL2A/JTAGSEL_N	I/O	3	JTAGSEL_N	True_of_IOL2B
4	VCCO3	Power	N/A		
5	IOL2B	I/O	3		Comp_of_IOL2A
6	IOL5A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL5B
7	IOL5B/GCLKC_7	I/O	3	GCLKC_7	Comp_of_IOL5A
8	IOL6A/TMS	I/O	3	TMS	True_of_IOL6B
9	IOL6B/TCK	I/O	3	TCK	Comp_of_IOL6A
10	IOL6C/SCLK	I/O	3	SCLK	True_of_IOL6D
11	IOL6D/TDI	I/O	3	TDI	Comp_of_IOL6C
12	IOL6E/TDO	I/O	3	TDO	True_of_IOL6F
13	VCCO3	Power	N/A		
14	IOL6F/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL6E
15	IOL6G/DONE	I/O	3	DONE	True_of_IOL6H
16	IOL6H/READY	I/O	3	READY	Comp_of_IOL6G
17	IOL7A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL7B
18	IOL7B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL7A
19	IOL8A	I/O	3		True_of_IOL8B
20	IOL8B	I/O	3		Comp_of_IOL8A
21	VCCO3	Power	N/A		
22	IOL10A	I/O	3		True_of_IOL10B
23	IOL10B	I/O	3		Comp_of_IOL10A
24	VSS	Ground	N/A		
25	VCC	Power	N/A		
26	VCCO2	Power	N/A		
27	IOB2A	I/O	2		True_of_IOB2B
28	IOB2B	I/O			Comp_of_IOB2A
29	IOB3A	I/O	2		True_of_IOB3B
30	IOB3B	I/O	2		Comp_of_IOB3A
31	IOB5A	I/O	2		True_of_IOB5B
32	IOB5B	I/O	2		Comp_of_IOB5A
33	IOB6B	I/O	2		Comp_of_IOB6A
34	IOB7A	I/O	2		True_of_IOB7B
35	IOB8A	I/O	2		True_of_IOB8B
36	IOB8B	I/O	2		Comp_of_IOB8A
37	VSS	Ground	N/A		
38	VCCO2	Power	N/A		
39	IOB10A/GCLKT_5	I/O	2	GCLKT_5	True_of_IOB10B
40	IOB10B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB10A
41	IOB11A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB11B
42	IOB11B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB11A
43	IOB12B	I/O	2		Comp_of_IOB12A
44	IOB14A	I/O	2		True_of_IOB14B

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LQ100	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
1	VCC	Power	N/A			
2	VSS	Ground	N/A			
3	IOL3A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL3B	NONE
4	VCCO3	Power	N/A			
5	IOL3B/LPLL_C_in	I/O	3	LPLL_C_in	Comp_of_IOL3A	NONE
6	IOL9A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL9B	NONE
7	IOL9B/GCLKC_7	I/O	3	GCLKC_7	Comp_of_IOL9A	NONE
8	IOL10A/TMS	I/O	3	TMS	True_of_IOL10B	NONE
9	IOL10B/TCK	I/O	3	TCK	Comp_of_IOL10A	NONE
10	IOL10C/SCLK	I/O	3	SCLK	True_of_IOL10D	NONE
11	IOL10D/TDI	I/O	3	TDI	Comp_of_IOL10C	NONE
12	IOL10E/TDO	I/O	3	TDO	True_of_IOL10F	NONE
13	VCCO3	Power	N/A			
14	IOL10F/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL10E	NONE
15	IOL10G/DONE	I/O	3	DONE	True_of_IOL10H	NONE
16	IOL10H/READY	I/O	3	READY	Comp_of_IOL10G	NONE
17	IOL11A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL11B	TRUE
18	IOL11B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL11A	TRUE
19	IOL13A	I/O	3		True_of_IOL13B	TRUE
20	IOL13B	I/O	3		Comp_of_IOL13A	TRUE
21	VCCX	Power	N/A			
22	IOB4B	I/O	2		Comp_of_IOB4A	TRUE
23	IOB5B	I/O	2		Comp_of_IOB5A	NONE
24	VSS	Ground	N/A			
25	VCC	Power	N/A			
26	VCCO2	Power	N/A			
27	IOB6A	I/O	2		True_of_IOB6B	TRUE
28	IOB6B	I/O	2		Comp_of_IOB6A	TRUE
29	IOB8A	I/O	2		True_of_IOB8B	TRUE
30	IOB8B	I/O	2		Comp_of_IOB8A	TRUE
31	IOB10A	I/O	2		True_of_IOB10B	NONE
32	IOB10B	I/O	2		Comp_of_IOB10A	NONE
33	IOB12A	I/O	2		True_of_IOB12B	TRUE
34	IOB12B	I/O	2		Comp_of_IOB12A	TRUE
35	IOB14A	I/O	2		True_of_IOB14B	TRUE
36	IOB14B	I/O	2		Comp_of_IOB14A	TRUE
37	VSS	Ground	N/A			
38	VCCO2	Power	N/A			
39	IOB19A/GCLKT_5	I/O	2	GCLKT_5	True_of_IOB19B	NONE
40	IOB19B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB19A	NONE
41	IOB20A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB20B	TRUE
42	IOB20B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB20A	TRUE
43	IOB24A	I/O	2		True_of_IOB24B	TRUE
44	IOB24B	I/O	2		Comp_of_IOB24A	TRUE

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LQ100	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
1	VCC	Power	N/A			
2	VSS	Ground	N/A			
3	IOL5A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL5B	NONE
4	VCCO3	Power	N/A			
5	IOL7B	I/O	3		Comp_of_IOL7A	NONE
6	IOL9A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL9B	NONE
7	IOL9B/GCLKC_7	I/O	3	GCLKC_7	Comp_of_IOL9A	NONE
8	IOL11A/TMS	I/O	3	TMS	True_of_IOL11B	TRUE
9	IOL11B/TCK	I/O	3	TCK	Comp_of_IOL11A	TRUE
10	IOL12A/SCLK	I/O	3	SCLK	True_of_IOL12B	NONE
11	IOL12B/TDI	I/O	3	TDI	Comp_of_IOL12A	NONE
12	IOL13A/TDO	I/O	3	TDO	True_of_IOL13B	TRUE
13	VCCO3	Power	N/A			
14	IOL13B/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL13A	TRUE
15	IOL14A/DONE	I/O	3	DONE	True_of_IOL14B	NONE
16	IOL14B/READY	I/O	3	READY	Comp_of_IOL14A	NONE
17	IOL15A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL15B	TRUE
18	IOL15B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL15A	TRUE
19	IOL20A	I/O	3		True_of_IOL20B	TRUE
20	IOL20B	I/O	3		Comp_of_IOL20A	TRUE
21	VCCX	Power	N/A			
22	IOB6A	I/O	2		True_of_IOB6B	TRUE
23	IOB6B	I/O	2		Comp_of_IOB6A	TRUE
24	VSS	Ground	N/A			
25	VCC	Power	N/A			
26	VCCO2	Power	N/A			
27	IOB8A	I/O	2		True_of_IOB8B	TRUE
28	IOB8B	I/O	2		Comp_of_IOB8A	TRUE
29	IOB11A	I/O	2		True_of_IOB11B	TRUE
30	IOB11B	I/O	2		Comp_of_IOB11A	TRUE
31	IOB13A	I/O	2		True_of_IOB13B	TRUE
32	IOB13B	I/O	2		Comp_of_IOB13A	TRUE
33	IOB15A	I/O	2		True_of_IOB15B	TRUE
34	IOB15B	I/O	2		Comp_of_IOB15A	TRUE
35	IOB17A	I/O	2		True_of_IOB17B	TRUE
36	IOB17B	I/O	2		Comp_of_IOB17A	TRUE
37	VSS	Ground	N/A			
38	VCCO2	Power	N/A			
39	IOB28A/GCLKT_5	I/O	2	GCLKT_5	True_of_IOB28B	NONE
40	IOB28B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB28A	NONE
41	IOB29A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB29B	TRUE
42	IOB29B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB29A	TRUE
43	IOB31A	I/O	2		True_of_IOB31B	TRUE
44	IOB31B	I/O	2		Comp_of_IOB31A	TRUE

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LQ100	Pin Name	Function	BANK	Configuration Function	Differential Pair
45	IOB14B	I/O	2		Comp_of_IOB14A
46	IOB16A	I/O	2		True_of_IOB16B
47	IOB16B	I/O	2		Comp_of_IOB16A
48	IOB17A	I/O	2		True_of_IOB17B
49	IOB17B	I/O	2		Comp_of_IOB17A
50	IOB19A	I/O	2		True_of_IOB19B
51	VCC	Power	N/A		
52	VSS	Ground	N/A		
53	IOR10B	I/O	1		Comp_of_IOR10A
54	VCCO1	Power	N/A		
55	IOR10A	I/O	1		True_of_IOR10B
56	IOR7B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR7A
57	IOR7A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR7B
58	IOR6J/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR6I
59	IOR6I/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR6J
60	IOR6H/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR6G
61	IOR6G/SO/D1	I/O	1	SO/D1	True_of_IOR6H
62	IOR6F/SI/D2	I/O	1	SI/D2	Comp_of_IOR6E
63	VCCO1	Power	N/A		
64	IOR6E/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR6F
65	IOR6D/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR6C
66	IOR6C/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR6D
67	IOR6B/MO/D6	I/O	1	MO/D6	Comp_of_IOR6A
68	IOR6A/MI/D7	I/O	1	MI/D7	True_of_IOR6B
69	IOR5B/GCLKC_2/RPLL_C_in	I/O	1	GCLKC_2/RPLL_C_in	Comp_of_IOR5A
70	IOR5A/GCLKT_2/RPLL_T_in	I/O	1	GCLKT_2/RPLL_T_in	True_of_IOR5B
71	VCCO1	Power	N/A		
72	IOR2B	I/O	1		Comp_of_IOR2A
73	IOR2A	I/O	1		True_of_IOR2B
74	VSS	Ground	N/A		
75	VCC	Power	N/A		
76	VCCO0	Power	N/A		
77	IOT17B	I/O	0		Comp_of_IOT17A
78	IOT17A	I/O	0		True_of_IOT17B
79	IOT16B	I/O	0		Comp_of_IOT16A
80	IOT16A	I/O	0		True_of_IOT16B
81	IOT15B	I/O	0		Comp_of_IOT15A
82	IOT15A	I/O	0		True_of_IOT15B
83	IOT14B	I/O	0		Comp_of_IOT14A
84	IOT14A	I/O	0		True_of_IOT14B
85	IOT12B	I/O	0		Comp_of_IOT12A
86	IOT12A	I/O	0		True_of_IOT12B
87	VSS	Ground	N/A		
88	VCCO0	Power	N/A		
89	IOT11A	I/O	0		True_of_IOT11B
90	IOT10B	I/O	0		Comp_of_IOT10A
91	IOT10A	I/O	0		True_of_IOT10B
92	IOT9B	I/O	0		Comp_of_IOT9A

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LQ100	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
45	IOB26A	I/O	2		True_of_IOB26B	TRUE
46	IOB26B	I/O	2		Comp_of_IOB26A	TRUE
47	IOB30A	I/O	2		True_of_IOB30B	TRUE
48	IOB30B	I/O	2		Comp_of_IOB30A	TRUE
49	IOB32A	I/O	2		True_of_IOB32B	TRUE
50	IOB32B	I/O	2		Comp_of_IOB32A	TRUE
51	VCC	Power	N/A			
52	VSS	Ground	N/A			
53	IOB34B	I/O	2		Comp_of_IOB34A	TRUE
54	VCCO1	Power	N/A			
55	IOB34A	I/O	2		True_of_IOB34B	TRUE
56	IOR11B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR11A	TRUE
57	IOR11A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR11B	TRUE
58	IOR10J/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR10I	NONE
59	IOR10I/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR10J	NONE
60	IOR10H/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR10G	NONE
61	IOR10G/SO/D1	I/O	1	SO/D1	True_of_IOR10H	NONE
62	IOR10F/SI/D2	I/O	1	SI/D2	Comp_of_IOR10E	NONE
63	VCCO1	Power	N/A			
64	IOR10E/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR10F	NONE
65	IOR10D/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR10C	NONE
66	IOR10C/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR10D	NONE
67	IOR10B/MO/D6	I/O	1	MO/D6	Comp_of_IOR10A	NONE
68	IOR10A/MI/D7	I/O	1	MI/D7	True_of_IOR10B	NONE
69	IOR9B/GCLKC_2	I/O	1	GCLKC_2	Comp_of_IOR9A	NONE
70	IOR9A/GCLKT_2	I/O	1	GCLKT_2	True_of_IOR9B	NONE
71	VCCX	Power	N/A			
72	IOR3B/RPLL_C_in	I/O	1	RPLL_C_in	Comp_of_IOR3A	NONE
73	IOR3A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR3B	NONE
74	VSS	Ground	N/A			
75	VCC	Power	N/A			
76	VCCO0	Power	N/A			
77	IOT37B	I/O	0		Comp_of_IOT37A	NONE
78	IOT37A	I/O	0		True_of_IOT37B	NONE
79	IOT35B	I/O	0		Comp_of_IOT35A	NONE
80	IOT35A	I/O	0		True_of_IOT35B	NONE
81	IOT30B	I/O	0		Comp_of_IOT30A	NONE
82	IOT30A	I/O	0		True_of_IOT30B	NONE
83	IOT24B	I/O	0		Comp_of_IOT24A	NONE
84	IOT24A	I/O	0		True_of_IOT24B	NONE
85	IOT20B	I/O	0		Comp_of_IOT20A	NONE
86	IOT20A	I/O	0		True_of_IOT20B	NONE
87	VSS	Ground	N/A			
88	VCCO0	Power	N/A			
89	IOT17A	I/O	0		True_of_IOT17B	NONE
90	IOT16B	I/O	0		Comp_of_IOT16A	NONE
91	IOT16A	I/O	0		True_of_IOT16B	NONE
92	IOT14B	I/O	0		Comp_of_IOT14A	NONE

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LQ100	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
45	IOB33A	I/O	2		True_of_IOB33B	TRUE
46	IOB33B	I/O	2		Comp_of_IOB33A	TRUE
47	IOB35A	I/O	2		True_of_IOB35B	TRUE
48	IOB35B	I/O	2		Comp_of_IOB35A	TRUE
49	IOB39A	I/O	2		True_of_IOB39B	TRUE
50	IOB39B	I/O	2		Comp_of_IOB39A	TRUE
51	VCC	Power	N/A			
52	VSS	Ground	N/A			
53	IOB43B	I/O	2		Comp_of_IOB43A	TRUE
54	VCCX	Power	N/A			
55	IOB43A	I/O	2		True_of_IOB43B	TRUE
56	IOR17B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR17A	TRUE
57	IOR17A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR17B	TRUE
58	IOR15B/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR15A	TRUE
59	IOR15A/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR15B	TRUE
60	IOR14B/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR14A	NONE
61	IOR14A/SO/D1	I/O	1	SO/D1	True_of_IOR14B	NONE
62	IOR13B/SI/D2	I/O	1	SI/D2	Comp_of_IOR13A	TRUE
63	VCCO1	Power	N/A			
64	IOR13A/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR13B	TRUE
65	IOR12B/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR12A	NONE
66	IOR12A/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR12B	NONE
67	IOR11B/MO/D6	I/O	1	MO/D6	Comp_of_IOR11A	TRUE
68	IOR11A/MI/D7	I/O	1	MI/D7	True_of_IOR11B	TRUE
69	IOR9B/GCLKC_2	I/O	1	GCLKC_2	Comp_of_IOR9A	NONE
70	IOR9A/GCLKT_2	I/O	1	GCLKT_2	True_of_IOR9B	NONE
71	VCCO1	Power	N/A			
72	IOR5B/RPLL_C_in	I/O	1	RPLL_C_in	Comp_of_IOR5A	NONE
73	IOR5A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR5B	NONE
74	VSS	Ground	N/A			
75	VCC	Power	N/A			
76	VCCO0	Power	N/A			
77	IOT42B	I/O	1		Comp_of_IOT42A	NONE
78	IOT42A	I/O	1		True_of_IOT42B	NONE
79	IOT41B	I/O	1		Comp_of_IOT41A	NONE
80	IOT41A	I/O	1		True_of_IOT41B	NONE
81	IOT39B	I/O	1		Comp_of_IOT39A	NONE
82	IOT39A	I/O	1		True_of_IOT39B	NONE
83	IOT37B	I/O	1		Comp_of_IOT37A	NONE
84	IOT37A	I/O	1		True_of_IOT37B	NONE
85	IOT32B	I/O	0		Comp_of_IOT32A	NONE
86	IOT32A	I/O	0		True_of_IOT32B	NONE
87	VSS	Ground	N/A			
88	VCCO0	Power	N/A			
89	IOT22B	I/O	0		Comp_of_IOT22A	NONE
90	IOT22A	I/O	0		True_of_IOT22B	NONE
91	IOT20A	I/O	0		True_of_IOT20B	NONE
92	IOT17B	I/O	0		Comp_of_IOT17A	NONE

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LQ100	Pin Name	Function	BANK	Configuration Function	Differential Pair
93	IOT9A	I/O	0		True_of_IOT9B
94	IOT7B	I/O	0		Comp_of_IOT7A
95	IOT7A	I/O	0		True_of_IOT7B
96	IOT5B	I/O	0		Comp_of_IOT5A
97	IOT5A	I/O	0		True_of_IOT5B
98	IOT4B	I/O	0		Comp_of_IOT4A
99	IOT4A	I/O	0		True_of_IOT4B
100	IOT2B/MODE0	I/O	0	MODE0	Comp_of_IOT2A

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LQ100	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
93	IOT14A	I/O	0		True_of_IOT14B	NONE
94	IOT9B	I/O	0		Comp_of_IOT9A	NONE
95	IOT9A	I/O	0		True_of_IOT9B	NONE
96	IOT6B	I/O	0		Comp_of_IOT6A	NONE
97	IOT6A	I/O	0		True_of_IOT6B	NONE
98	IOT4B	I/O	0		Comp_of_IOT4A	NONE
99	IOT4A	I/O	0		True_of_IOT4B	NONE
100	IOT2B/MODE0	I/O	0	MODE0	Comp_of_IOT2A	NONE

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LQ100	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
93	IOT17A	I/O	0		True_of_IOT17B	NONE
94	IOT15B	I/O	0		Comp_of_IOT15A	NONE
95	IOT15A	I/O	0		True_of_IOT15B	NONE
96	IOT12B	I/O	3		Comp_of_IOT12A	NONE
97	IOT12A	I/O	3		True_of_IOT12B	NONE
98	IOT8B	I/O	3		Comp_of_IOT8A	NONE
99	IOT8A	I/O	3		True_of_IOT8B	NONE
100	IOT5A/MODE0	I/O	3	MODE0	True_of_IOT5B	NONE

Note!

The shading with different colors are defined as follows:

1		different pin functions;
2		different configuration functions;
3		different BANK;
4		different TRUE LVDS;
5		different power;
6	Pins with no shading are compatible.	

GW1N-4 MG160

MG160	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
A1	VCC	Power	N/A			
A10	IOT30B	I/O	0		Comp_of_IOT30A	NONE
A11	IOT30A	I/O	0		True_of_IOT30B	NONE
A12	IOT37A	I/O	0		True_of_IOT37B	NONE
A13	IOT37B	I/O	0		Comp_of_IOT37A	NONE
A14	VCC	Power	N/A			
A2	IOT3A/MODE2	I/O	0	MODE2	True_of_IOT3B	NONE
A3	IOT3B/MODE1	I/O	0	MODE1	Comp_of_IOT3A	NONE
A4	IOT6A	I/O	0		True_of_IOT6B	NONE
A5	IOT6B	I/O	0		Comp_of_IOT6A	NONE
A6	IOT12A	I/O	0		True_of_IOT12B	NONE
A7	IOT12B	I/O	0		Comp_of_IOT12A	NONE
A8	IOT18A	I/O	0		True_of_IOT18B	NONE
A9	IOT18B	I/O	0		Comp_of_IOT18A	NONE
B1	IOT2B/MODE0	I/O	0	MODE0	Comp_of_IOT2A	NONE
B10	IOT24B	I/O	0		Comp_of_IOT24A	NONE
B11	IOT33A	I/O	0		True_of_IOT33B	NONE
B12	IOT33B	I/O	0		Comp_of_IOT33A	NONE
B13	VSS	Ground	N/A			
B14	IOR3A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR3B	NONE
B2	VSS	Ground	N/A			
B3	IOT4A	I/O	0		True_of_IOT4B	NONE
B4	IOT4B	I/O	0		Comp_of_IOT4A	NONE
B5	IOT7A	I/O	0		True_of_IOT7B	NONE
B6	IOT7B	I/O	0		Comp_of_IOT7A	NONE
B7	IOT17A	I/O	0		True_of_IOT17B	NONE
B8	IOT17B	I/O	0		Comp_of_IOT17A	NONE
B9	IOT24A	I/O	0		True_of_IOT24B	NONE
C1	IOL2A	I/O	3		True_of_IOL2B	TRUE
C10	IOT35B	I/O	0		Comp_of_IOT35A	NONE
C11	VCCO0	Power	N/A			
C12	VSS	Ground	N/A			
C13	VCCX	Power	N/A			
C14	IOR3B/RPLL_C_in	I/O	1	RPLL_C_in	Comp_of_IOR3A	NONE
C2	VCCX	Power	N/A			
C3	VSS	Ground	N/A			

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MG160	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS	X16
A1	VCC	Power	N/A				
A10	IOT36B	I/O	1		Comp_of_IOT36A	NONE	NONE
A11	IOT36A	I/O	1		True_of_IOT36B	NONE	NONE
A12	IOT42A	I/O	1		True_of_IOT42B	NONE	NONE
A13	IOT42B	I/O	1		Comp_of_IOT42A	NONE	NONE
A14	VCC	Power	N/A				
A2	IOT5B/MODE2	I/O	3	MODE2	Comp_of_IOT5A	NONE	NONE
A3	IOT6B/MODE1	I/O	3	MODE1	Comp_of_IOT6A	NONE	NONE
A4	IOT12A	I/O	3		True_of_IOT12B	NONE	NONE
A5	IOT12B	I/O	3		Comp_of_IOT12A	NONE	NONE
A6	IOT22A	I/O	0		True_of_IOT22B	NONE	NONE
A7	IOT22B	I/O	0		Comp_of_IOT22A	NONE	NONE
A8	IOT30A	I/O	0		True_of_IOT30B	NONE	NONE
A9	IOT30B	I/O	0		Comp_of_IOT30A	NONE	NONE
B1	IOT5A/MODE0	I/O	3	MODE0	True_of_IOT5B	NONE	NONE
B10	IOT33B	I/O	0		Comp_of_IOT33A	NONE	NONE
B11	IOT38A	I/O	1		True_of_IOT38B	NONE	NONE
B12	IOT38B	I/O	1		Comp_of_IOT38A	NONE	NONE
B13	VSS	Ground	N/A				
B14	IOR5A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR5B	NONE	NONE
B2	VSS	Ground	N/A				
B3	IOT8A	I/O	3		True_of_IOT8B	NONE	x16
B4	IOT8B	I/O	3		Comp_of_IOT8A	NONE	NONE
B5	IOT14A	I/O	0		True_of_IOT14B	NONE	NONE
B6	IOT14B	I/O	0		Comp_of_IOT14A	NONE	NONE
B7	IOT28A/GCLKT_0	I/O	0	GCLKT_0	True_of_IOT28B	NONE	NONE
B8	IOT28B/GCLKC_0	I/O	0	GCLKC_0	Comp_of_IOT28A	NONE	NONE
B9	IOT33A	I/O	0		True_of_IOT33B	NONE	x16
C1	IOL2A	I/O	3		True_of_IOL2B	TRUE	NONE
C10	IOT44B	I/O	1		Comp_of_IOT44A	NONE	NONE
C11	VCCO0	Power	N/A				
C12	VSS	Ground	N/A				
C13	VCCX	Power	N/A				
C14	IOR5B/RPLL_C_in	I/O	1	RPLL_C_in	Comp_of_IOR5A	NONE	NONE
C2	VCCX	Power	N/A				
C3	VSS	Ground	N/A				

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MG160	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
C4	VCCO0	Power	N/A			
C5	IOT9A	I/O	0		True_of_IOT9B	NONE
C6	IOT14A	I/O	0		True_of_IOT14B	NONE
C7	IOT16A	I/O	0		True_of_IOT16B	NONE
C8	IOT22A	I/O	0		True_of_IOT22B	NONE
C9	IOT26B	I/O	0		Comp_of_IOT26A	NONE
D1	IOL6A	I/O	3		True_of_IOL6B	TRUE
D10	IOT35A	I/O	0		True_of_IOT35B	NONE
D11	VSS	Ground	N/A			
D12	VCCO1	Power	N/A			
D13	IOR6A	I/O	1		True_of_IOR6B	TRUE
D14	IOR4A/RPLL_T_fb	I/O	1	RPLL_T_fb	True_of_IOR4B	TRUE
D2	IOL2B	I/O	3		Comp_of_IOL2A	TRUE
D3	VCCO3	Power	N/A			
D4	VSS	Ground	N/A			
D5	IOT9B	I/O	0		Comp_of_IOT9A	NONE
D6	IOT14B	I/O	0		Comp_of_IOT14A	NONE
D7	IOT16B	I/O	0		Comp_of_IOT16A	NONE
D8	IOT22B	I/O	0		Comp_of_IOT22A	NONE
D9	IOT26A	I/O	0		True_of_IOT26B	NONE
E1	IOL6B	I/O	3		Comp_of_IOL6A	TRUE
E11	IOR13A	I/O	1		True_of_IOR13B	TRUE
E12	IOR10C/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR10D	NONE
E13	IOR6B	I/O	1		Comp_of_IOR6A	TRUE
E14	IOR4B/RPLL_C_fb	I/O	1	RPLL_C_fb	Comp_of_IOR4A	TRUE
E2	IOL3A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL3B	NONE
E3	IOL3B/LPLL_C_in	I/O	3	LPLL_C_in	Comp_of_IOL3A	NONE
E4	IOL4A/LPLL_T_fb	I/O	3	LPLL_T_fb	True_of_IOL4B	TRUE
F1	IOL10A/TMS	I/O	3	TMS	True_of_IOL10B	NONE
F11	IOR13B	I/O	1		Comp_of_IOR13A	TRUE
F12	IOR9B/GCLKC_2	I/O	1	GCLKC_2	Comp_of_IOR9A	NONE
F13	IOR9A/GCLKT_2	I/O	1	GCLKT_2	True_of_IOR9B	NONE
F14	IOR10A/MI/D7	I/O	1	MI/D7	True_of_IOR10B	NONE
F2	IOL9A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL9B	NONE
F3	IOL10C/SCLK	I/O	3	SCLK	True_of_IOL10D	NONE
F4	IOL4B/LPLL_C_fb	I/O	3	LPLL_C_fb	Comp_of_IOL4A	TRUE
G1	IOL10B/TCK	I/O	3	TCK	Comp_of_IOL10A	NONE
G11	IOR10E/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR10F	NONE
G12	IOR10D/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR10C	NONE
G13	IOR10F/SI/D2	I/O	1	SI/D2	Comp_of_IOR10E	NONE
G14	IOR10B/MO/D6	I/O	1	MO/D6	Comp_of_IOR10A	NONE
G2	IOL9B/GCLKC_7	I/O	3	GCLKC_7	Comp_of_IOL9A	NONE
G3	IOL10E/TDO	I/O	3	TDO	True_of_IOL10F	NONE
G4	IOL10D/TDI	I/O	3	TDI	Comp_of_IOL10C	NONE

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MG160	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS	X16
C4	VCCO0	Power	N/A				
C5	IOT18A	I/O	0		True_of_IOT18B	NONE	NONE
C6	IOT24A	I/O	0		True_of_IOT24B	NONE	NONE
C7	IOT26A	I/O	0		True_of_IOT26B	NONE	NONE
C8	IOT32A	I/O	0		True_of_IOT32B	NONE	NONE
C9	IOT34B	I/O	0		Comp_of_IOT34A	NONE	NONE
D1	IOL4A	I/O	3		True_of_IOL4B	TRUE	NONE
D10	IOT44A	I/O	1		True_of_IOT44B	NONE	NONE
D11	VSS	Ground	N/A				
D12	VCCO1	Power	N/A				
D13	IOR8A	I/O	1		True_of_IOR8B	TRUE	NONE
D14	IOR6A/RPLL_T_fb	I/O	1	RPLL_T_fb	True_of_IOR6B	TRUE	NONE
D2	IOL2B	I/O	3		Comp_of_IOL2A	TRUE	NONE
D3	VCCO3	Power	N/A				
D4	VSS	Ground	N/A				
D5	IOT18B	I/O	0		Comp_of_IOT18A	NONE	NONE
D6	IOT24B	I/O	0		Comp_of_IOT24A	NONE	NONE
D7	IOT26B	I/O	0		Comp_of_IOT26A	NONE	NONE
D8	IOT32B	I/O	0		Comp_of_IOT32A	NONE	NONE
D9	IOT34A	I/O	0		True_of_IOT34B	NONE	NONE
E1	IOL4B	I/O	3		Comp_of_IOL4A	TRUE	NONE
E11	IOR22A	I/O	1		True_of_IOR22B	TRUE	NONE
E12	IOR12A/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR12B	NONE	NONE
E13	IOR8B	I/O	1		Comp_of_IOR8A	TRUE	NONE
E14	IOR6B/RPLL_C_fb	I/O	1	RPLL_C_fb	Comp_of_IOR6A	TRUE	NONE
E2	IOL5A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL5B	NONE	NONE
E3	IOL5B/LPLL_C_in	I/O	3	LPLL_C_in	Comp_of_IOL5A	NONE	NONE
E4	IOL6A/LPLL_T_fb	I/O	3	LPLL_T_fb	True_of_IOL6B	TRUE	NONE
F1	IOL11A/TMS	I/O	3	TMS	True_of_IOL11B	TRUE	NONE
F11	IOR22B	I/O	1		Comp_of_IOR22A	TRUE	NONE
F12	IOR9B/GCLKC_2	I/O	1	GCLKC_2	Comp_of_IOR9A	NONE	NONE
F13	IOR9A/GCLKT_2	I/O	1	GCLKT_2	True_of_IOR9B	NONE	NONE
F14	IOR11A/MI/D7	I/O	1	MI/D7	True_of_IOR11B	TRUE	NONE
F2	IOL9A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL9B	NONE	NONE
F3	IOL12A/SCLK	I/O	3	SCLK	True_of_IOL12B	NONE	NONE
F4	IOL6B/LPLL_C_fb	I/O	3	LPLL_C_fb	Comp_of_IOL6A	TRUE	NONE
G1	IOL11B/TCK	I/O	3	TCK	Comp_of_IOL11A	TRUE	NONE
G11	IOR13A/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR13B	TRUE	NONE
G12	IOR12B/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR12A	NONE	NONE
G13	IOR13B/SI/D2	I/O	1	SI/D2	Comp_of_IOR13A	TRUE	NONE
G14	IOR11B/MO/D6	I/O	1	MO/D6	Comp_of_IOR11A	TRUE	NONE
G2	IOL9B/GCLKC_7	I/O	3	GCLKC_7	Comp_of_IOL9A	NONE	NONE
G3	IOL13A/TDO	I/O	3	TDO	True_of_IOL13B	TRUE	NONE
G4	IOL12B/TDI	I/O	3	TDI	Comp_of_IOL12A	NONE	NONE

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MG160	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
H1	IOL10I	I/O	3		True_of_IOL10J	NONE
H11	IOR15B	I/O	1		Comp_of_IOR15A	TRUE
H12	IOR10J/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR10I	NONE
H13	IOR10I/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR10J	NONE
H14	IOR10G/SO/D1	I/O	1	SO/D1	True_of_IOR10H	NONE
H2	IOL10H/READY	I/O	3	READY	Comp_of_IOL10G	NONE
H3	IOL10F/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL10E	NONE
H4	IOL8A	I/O	3		True_of_IOL8B	TRUE
J1	IOL13A	I/O	3		True_of_IOL13B	TRUE
J11	IOR10H/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR10G	NONE
J12	IOR15A	I/O	1		True_of_IOR15B	TRUE
J13	IOB36A	I/O	2		True_of_IOB36B	TRUE
J14	IOR11A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR11B	TRUE
J2	IOL11A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL11B	TRUE
J3	IOL11B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL11A	TRUE
J4	IOL10G/DONE	I/O	3	DONE	True_of_IOL10H	NONE
K1	IOL13B	I/O	3		Comp_of_IOL13A	TRUE
K11	IOR17B	I/O	1		Comp_of_IOR17A	TRUE
K12	IOR17A	I/O	1		True_of_IOR17B	TRUE
K13	IOB35A	I/O	2		True_of_IOB35B	NONE
K14	IOR11B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR11A	TRUE
K2	IOL15A	I/O	3		True_of_IOL15B	TRUE
K3	IOL10J	I/O	3		Comp_of_IOL10I	NONE
K4	IOL8B	I/O	3		Comp_of_IOL8A	TRUE
L1	IOB4B	I/O	2		Comp_of_IOB4A	TRUE
L10	IOB26A	I/O	2		True_of_IOB26B	TRUE
L11	VSS	Ground	N/A			
L12	VCCO1	Power	N/A			
L13	IOB36B	I/O	2		Comp_of_IOB36A	TRUE
L14	IOB35B	I/O	2		Comp_of_IOB35A	NONE
L2	IOL15B	I/O	3		Comp_of_IOL15A	TRUE
L3	VCCO3	Power	N/A			
L4	VSS	Ground	N/A			
L5	IOB8A	I/O	2		True_of_IOB8B	TRUE
L6	IOB12A	I/O	2		True_of_IOB12B	TRUE
L7	IOB14A	I/O	2		True_of_IOB14B	TRUE
L8	IOB20A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB20B	TRUE
L9	IOB21A	I/O	2		True_of_IOB21B	NONE
M1	IOB5B	I/O	2		Comp_of_IOB5A	NONE
M10	IOB26B	I/O	2		Comp_of_IOB26A	TRUE
M11	VCCO2	Power	N/A			
M12	VSS	Ground	N/A			
M13	VCCX	Power	N/A			

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MG160	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS	X16
H1	IOL17A	I/O	3		True_of_IOL17B	TRUE	NONE
H11	IOR24B	I/O	1		Comp_of_IOR24A	TRUE	NONE
H12	IOR15B/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR15A	TRUE	NONE
H13	IOR15A/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR15B	TRUE	NONE
H14	IOR14A/SO/D1	I/O	1	SO/D1	True_of_IOR14B	NONE	NONE
H2	IOL14B/READY	I/O	3	READY	Comp_of_IOL14A	NONE	NONE
H3	IOL13B/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL13A	TRUE	NONE
H4	IOL8A	I/O	3		True_of_IOL8B	TRUE	NONE
J1	IOL20A	I/O	3		True_of_IOL20B	TRUE	NONE
J11	IOR14B/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR14A	NONE	NONE
J12	IOR24A	I/O	1		True_of_IOR24B	TRUE	NONE
J13	IOB45A	I/O	2		True_of_IOB45B	TRUE	x16
J14	IOR17A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR17B	TRUE	NONE
J2	IOL15A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL15B	TRUE	NONE
J3	IOL15B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL15A	TRUE	NONE
J4	IOL14A/DONE	I/O	3	DONE	True_of_IOL14B	NONE	NONE
K1	IOL20B	I/O	3		Comp_of_IOL20A	TRUE	NONE
K11	IOR26B	I/O	1		Comp_of_IOR26A	TRUE	NONE
K12	IOR26A	I/O	1		True_of_IOR26B	TRUE	NONE
K13	IOB44A	I/O	2		True_of_IOB44B	NONE	NONE
K14	IOR17B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR17A	TRUE	NONE
K2	IOL22A	I/O	3		True_of_IOL22B	TRUE	NONE
K3	IOL17B	I/O	3		Comp_of_IOL17A	TRUE	NONE
K4	IOL8B	I/O	3		Comp_of_IOL8A	TRUE	NONE
L1	IOB4A	I/O	2		True_of_IOB4B	TRUE	x16
L10	IOB33A	I/O	2		True_of_IOB33B	TRUE	x16
L11	VSS	Ground	N/A				
L12	VCCO1	Power	N/A				
L13	IOB45B	I/O	2		Comp_of_IOB45A	TRUE	NONE
L14	IOB44B	I/O	2		Comp_of_IOB44A	NONE	NONE
L2	IOL22B	I/O	3		Comp_of_IOL22A	TRUE	NONE
L3	VCCO3	Power	N/A				
L4	VSS	Ground	N/A				
L5	IOB11A	I/O	2		True_of_IOB11B	TRUE	x16
L6	IOB17A	I/O	2		True_of_IOB17B	TRUE	x16
L7	IOB21A	I/O	2		True_of_IOB21B	TRUE	x16
L8	IOB29A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB29B	TRUE	x16
L9	IOB25A	I/O	2		True_of_IOB25B	TRUE	x16
M1	IOB4B	I/O	2		Comp_of_IOB4A	TRUE	NONE
M10	IOB33B	I/O	2		Comp_of_IOB33A	TRUE	NONE
M11	VCCO2	Power	N/A				
M12	VSS	Ground	N/A				
M13	VCCX	Power	N/A				

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MG160	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
M14	IOB34A	I/O	2		True_of_IOB34B	TRUE
M2	VCCX	Power	N/A			
M3	VSS	Ground	N/A			
M4	VCCO2	Power	N/A			
M5	IOB8B	I/O	2		Comp_of_IOB8A	TRUE
M6	IOB12B	I/O	2		Comp_of_IOB12A	TRUE
M7	IOB14B	I/O	2		Comp_of_IOB14A	TRUE
M8	IOB20B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB20A	TRUE
M9	IOB21B	I/O	2		Comp_of_IOB21A	NONE
N1	IOB6A	I/O	2		True_of_IOB6B	TRUE
N10	IOB28A	I/O	2		True_of_IOB28B	NONE
N11	IOB30B	I/O	2		Comp_of_IOB30A	TRUE
N12	IOB32B	I/O	2		Comp_of_IOB32A	TRUE
N13	VSS	Ground	N/A			
N14	IOB34B	I/O	2		Comp_of_IOB34A	TRUE
N2	VSS	Ground	N/A			
N3	IOB7A	I/O	2		True_of_IOB7B	NONE
N4	IOB10A	I/O	2		True_of_IOB10B	NONE
N5	IOB11A	I/O	2		True_of_IOB11B	NONE
N6	IOB16A	I/O	2		True_of_IOB16B	TRUE
N7	IOB19A/GCLKT_5	I/O	2	GCLKT_5	True_of_IOB19B	NONE
N8	IOB22A	I/O	2		True_of_IOB22B	TRUE
N9	IOB24A	I/O	2		True_of_IOB24B	TRUE
P1	VCC	Power	N/A			
P10	IOB28B	I/O	2		Comp_of_IOB28A	NONE
P11	IOB30A	I/O	2		True_of_IOB30B	TRUE
P12	IOB32A	I/O	2		True_of_IOB32B	TRUE
P13	IOB33A	I/O	2		True_of_IOB33B	NONE
P14	VCC	Power	N/A			
P2	IOB6B	I/O	2		Comp_of_IOB6A	TRUE
P3	IOB7B	I/O	2		Comp_of_IOB7A	NONE
P4	IOB10B	I/O	2		Comp_of_IOB10A	NONE
P5	IOB11B	I/O	2		Comp_of_IOB11A	NONE
P6	IOB16B	I/O	2		Comp_of_IOB16A	TRUE
P7	IOB19B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB19A	NONE
P8	IOB22B	I/O	2		Comp_of_IOB22A	TRUE
P9	IOB24B	I/O	2		Comp_of_IOB24A	TRUE

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MG160	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS	X16
M14	IOB43A	I/O	2		True_of_IOB43B	TRUE	x16
M2	VCCX	Power	N/A				
M3	VSS	Ground	N/A				
M4	VCCO2	Power	N/A				
M5	IOB11B	I/O	2		Comp_of_IOB11A	TRUE	NONE
M6	IOB17B	I/O	2		Comp_of_IOB17A	TRUE	NONE
M7	IOB21B	I/O	2		Comp_of_IOB21A	TRUE	NONE
M8	IOB29B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB29A	TRUE	NONE
M9	IOB25B	I/O	2		Comp_of_IOB25A	TRUE	NONE
N1	IOB6A	I/O	2		True_of_IOB6B	TRUE	x16
N10	IOB35A	I/O	2		True_of_IOB35B	TRUE	x16
N11	IOB39B	I/O	2		Comp_of_IOB39A	TRUE	NONE
N12	IOB41B	I/O	2		Comp_of_IOB41A	TRUE	NONE
N13	VSS	Ground	N/A				
N14	IOB43B	I/O	2		Comp_of_IOB43A	TRUE	NONE
N2	VSS	Ground	N/A				
N3	IOB8A	I/O	2		True_of_IOB8B	TRUE	x16
N4	IOB13A	I/O	2		True_of_IOB13B	TRUE	x16
N5	IOB15A	I/O	2		True_of_IOB15B	TRUE	x16
N6	IOB23A	I/O	2		True_of_IOB23B	TRUE	x16
N7	IOB28A/GCLKT_5	I/O	2	GCLKT_5	True_of_IOB28B	NONE	NONE
N8	IOB27A	I/O	2		True_of_IOB27B	TRUE	x16
N9	IOB31A	I/O	2		True_of_IOB31B	TRUE	x16
P1	VCC	Power	N/A				
P10	IOB35B	I/O	2		Comp_of_IOB35A	TRUE	NONE
P11	IOB39A	I/O	2		True_of_IOB39B	TRUE	x16
P12	IOB41A	I/O	2		True_of_IOB41B	TRUE	x16
P13	IOB40B	I/O	2		Comp_of_IOB40A	NONE	NONE
P14	VCC	Power	N/A				
P2	IOB6B	I/O	2		Comp_of_IOB6A	TRUE	NONE
P3	IOB8B	I/O	2		Comp_of_IOB8A	TRUE	NONE
P4	IOB13B	I/O	2		Comp_of_IOB13A	TRUE	NONE
P5	IOB15B	I/O	2		Comp_of_IOB15A	TRUE	NONE
P6	IOB23B	I/O	2		Comp_of_IOB23A	TRUE	NONE
P7	IOB28B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB28A	NONE	NONE
P8	IOB27B	I/O	2		Comp_of_IOB27A	TRUE	NONE
P9	IOB31B	I/O	2		Comp_of_IOB31A	TRUE	NONE

Note!
The shading with different colors are defined as follows:

1	different pin functions;
2	different configuration functions;
3	different BANK;
4	different TRUE LVDS;
5	different power;
6	Pins with no shading are compatible.

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LQ144	Pin Name	Function	BANK	Configuration Function	Differential Pair
1	VCC	Power	N/A		
2	VSS	Ground	N/A		
3	IOT2A	I/O	0		True_of_IOT2B
4	IOL2A/JTAGSEL_N	I/O	3	JTAGSEL_N	True_of_IOL2B
5	VCCO3	Power	N/A		
6	IOL2B	I/O	3		Comp_of_IOL2A
7	IOL3A	I/O	3		True_of_IOL3B
8	IOL3B	I/O	3		Comp_of_IOL3A
9	IOL4A	I/O	3		True_of_IOL4B
10	IOL4B	I/O	3		Comp_of_IOL4A
11	IOL5A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL5B
12	IOL5B/GCLKC_7	I/O	3	GCLKC_7	Comp_of_IOL5A
13	IOL6A/TMS	I/O	3	TMS	True_of_IOL6B
14	IOL6B/TCK	I/O	3	TCK	Comp_of_IOL6A
15	IOL6C/SCLK	I/O	3	SCLK	True_of_IOL6D
16	IOL6D/TDI	I/O	3	TDI	Comp_of_IOL6C
17	VSS	Ground	N/A		
18	IOL6E/TDO	I/O	3	TDO	True_of_IOL6F
19	VCCO3	Power	N/A		
20	IOL6F/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL6E
21	IOL6G/DONE	I/O	3	DONE	True_of_IOL6H
22	IOL6H/READY	I/O	3	READY	Comp_of_IOL6G
23	IOL6I	I/O	3		True_of_IOL6J
24	IOL6J	I/O	3		Comp_of_IOL6I
25	IOL7A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL7B
26	IOL7B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL7A
27	IOL8A	I/O	3		True_of_IOL8B
28	IOL8B	I/O	3		Comp_of_IOL8A
29	IOL9A	I/O	3		True_of_IOL9B
30	IOL9B	I/O	3		Comp_of_IOL9A
31	VCCO3	Power	N/A		
32	IOL10A	I/O	3		True_of_IOL10B
33	VSS	Ground	N/A		
34	IOL10B	I/O	3		Comp_of_IOL10A
35	VSS	Ground	N/A		
36	VCC	Power	N/A		
37	VCCO2	Power	N/A		
38	IOB2A	I/O	2		True_of_IOB2B
39	IOB2B	I/O			Comp_of_IOB2A
40	IOB3A	I/O	2		True_of_IOB3B
41	IOB3B	I/O	2		Comp_of_IOB3A
42	IOB4A	I/O	2		True_of_IOB4B
43	IOB4B	I/O	2		Comp_of_IOB4A
44	IOB5A	I/O	2		True_of_IOB5B
45	IOB5B	I/O	2		Comp_of_IOB5A

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LQ144	Pin Name	Function	BANK	Configuration Function	Differential 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
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

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LQ144	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
1	VCC	Power	N/A			
2	VSS	Ground	N/A			
3	IOL2A	I/O	3		True_of_IOL2B	TRUE
4	IOL5A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL5B	NONE
5	VCCO3	Power	N/A			
6	IOL6B/LPLL_C_fb	I/O	3	LPLL_C_fb	Comp_of_IOL6A	TRUE
7	IOL7A	I/O	3		True_of_IOL7B	NONE
8	IOL7B	I/O	3		Comp_of_IOL7A	NONE
9	IOL8A	I/O	3		True_of_IOL8B	TRUE
10	IOL8B	I/O	3		Comp_of_IOL8A	TRUE
11	IOL9A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL9B	TRUE
12	IOL9B/GCLKC_7	I/O	3	GCLKC_7	Comp_of_IOL9A	TRUE
13	IOL11A/TMS	I/O	3	TMS	True_of_IOL11B	TRUE
14	IOL11B/TCK	I/O	3	TCK	Comp_of_IOL11A	TRUE
15	IOL12A/SCLK	I/O	3	SCLK	True_of_IOL12B	NONE
16	IOL12B/TDI	I/O	3	TDI	Comp_of_IOL12A	NONE
17	VSS	Ground	N/A			
18	IOL13A/TDO	I/O	3	TDO	True_of_IOL13B	TRUE
19	VCCO3	Power	N/A			
20	IOL13B/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL13A	TRUE
21	IOL14A/DONE	I/O	3	DONE	True_of_IOL14B	NONE
22	IOL14B/READY	I/O	3	READY	Comp_of_IOL14A	NONE
23	IOL15A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL15B	TRUE
24	IOL15B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL15A	TRUE
25	IOL22A	I/O	3		True_of_IOL22B	TRUE
26	IOL22B	I/O	3		Comp_of_IOL22A	TRUE
27	IOL26A	I/O	3		True_of_IOL26B	TRUE
28	IOL26B	I/O	3		Comp_of_IOL26A	TRUE
29	IOB4A	I/O	2		True_of_IOB4B	TRUE
30	IOB4B	I/O	2		Comp_of_IOB4A	TRUE
31	VCCX	Power	N/A			
32	IOB6A	I/O	2		True_of_IOB6B	TRUE
33	VSS	Ground	N/A			
34	IOB6B	I/O	2		Comp_of_IOB6A	TRUE
35	VSS	Ground	N/A			
36	VCC	Power	N/A			
37	VCCO2	Power	N/A			
38	IOB8A	I/O	2		True_of_IOB8B	TRUE
39	IOB8B	I/O	2		Comp_of_IOB8A	TRUE
40	IOB9A	I/O	2		True_of_IOB9B	NONE
41	IOB9B	I/O	2		Comp_of_IOB9A	NONE
42	IOB11A	I/O	2		True_of_IOB11B	TRUE
43	IOB11B	I/O	2		Comp_of_IOB11A	TRUE
44	IOB12A	I/O	2		True_of_IOB12B	NONE
45	IOB12B	I/O	2		Comp_of_IOB12A	NONE

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LQ144	Pin Name	Function	BANK	Configuration Function	Differential Pair
46	IOB6A	I/O	2		True_of_IOB6B
47	IOB6B	I/O	2		Comp_of_IOB6A
48	IOB7A	I/O	2		True_of_IOB7B
49	IOB7B	I/O	2		Comp_of_IOB7A
50	IOB8A	I/O	2		True_of_IOB8B
51	IOB8B	I/O	2		Comp_of_IOB8A
52	IOB9A	I/O	2		True_of_IOB9B
53	VSS	Ground	N/A		
54	IOB9B	I/O	2		Comp_of_IOB9A
55	VCCO2	Power	N/A		
56	IOB10A/GCLKT_5	I/O	2	GCLKT_5	True_of_IOB10B
57	IOB10B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB10A
58	IOB11A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB11B
59	IOB11B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB11A
60	IOB12A	I/O	2		True_of_IOB12B
61	IOB12B	I/O	2		Comp_of_IOB12A
62	IOB13A	I/O	2		True_of_IOB13B
63	IOB13B	I/O	2		Comp_of_IOB13A
64	IOB14A	I/O	2		True_of_IOB14B
65	IOB14B	I/O	2		Comp_of_IOB14A
66	IOB15A	I/O	2		True_of_IOB15B
67	IOB15B	I/O	2		Comp_of_IOB15A
68	IOB16A	I/O	2		True_of_IOB16B
69	IOB16B	I/O	2		Comp_of_IOB16A
70	IOB17A	I/O	2		True_of_IOB17B
71	IOB17B	I/O	2		Comp_of_IOB17A
72	IOB19A	I/O	2		True_of_IOB19B
73	VCC	Power	N/A		
74	VSS	Ground	N/A		
75	IOB19B	I/O	2		Comp_of_IOB19A
76	IOR10B	I/O	1		Comp_of_IOR10A
77	VCCO1	Power	N/A		
78	IOR10A	I/O	1		True_of_IOR10B
79	IOR9B	I/O	1		Comp_of_IOR9A
80	IOR9A	I/O	1		True_of_IOR9B
81	IOR8B	I/O	1		Comp_of_IOR8A
82	IOR8A	I/O	1		True_of_IOR8B
83	IOR7B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR7A
84	IOR7A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR7B
85	IOR6J/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR6I
86	IOR6I/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR6J
87	IOR6H/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR6G
88	IOR6G/SO/D1	I/O	1	SO/D1	True_of_IOR6H
89	VSS	Ground	N/A		
90	IOR6F/SI/D2	I/O	1	SI/D2	Comp_of_IOR6E
91	VCCO1	Power	N/A		
92	IOR6E/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR6F
93	IOR6D/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR6C
94	IOR6C/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR6D
95	IOR6B/MO/D6	I/O	1	MO/D6	Comp_of_IOR6A
96	IOR6A/MI/D7	I/O	1	MI/D7	True_of_IOR6B

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LQ144	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
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
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

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LQ144	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
46	IOB13A	I/O	2		True_of_IOB13B	TRUE
47	IOB13B	I/O	2		Comp_of_IOB13A	TRUE
48	IOB15A	I/O	2		True_of_IOB15B	TRUE
49	IOB15B	I/O	2		Comp_of_IOB15A	TRUE
50	IOB17A	I/O	2		True_of_IOB17B	TRUE
51	IOB17B	I/O	2		Comp_of_IOB17A	TRUE
52	IOB23A	I/O	2		True_of_IOB23B	TRUE
53	VSS	Ground	N/A			
54	IOB23B	I/O	2		Comp_of_IOB23A	TRUE
55	VCCO2	Power	N/A			
56	IOB28A/GCLKT_5	I/O	2	GCLKT_5	True_of_IOB28B	NONE
57	IOB28B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB28A	NONE
58	IOB29A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB29B	TRUE
59	IOB29B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB29A	TRUE
60	IOB30A	I/O	2		True_of_IOB30B	NONE
61	IOB30B	I/O	2		Comp_of_IOB30A	NONE
62	IOB31A	I/O	2		True_of_IOB31B	TRUE
63	IOB31B	I/O	2		Comp_of_IOB31A	TRUE
64	IOB33A	I/O	2		True_of_IOB33B	TRUE
65	IOB33B	I/O	2		Comp_of_IOB33A	TRUE
66	IOB35A	I/O	2		True_of_IOB35B	TRUE
67	IOB35B	I/O	2		Comp_of_IOB35A	TRUE
68	IOB37A	I/O	2		True_of_IOB37B	NONE
69	IOB37B	I/O	2		Comp_of_IOB37A	NONE
70	IOB39A	I/O	2		True_of_IOB39B	TRUE
71	IOB39B	I/O	2		Comp_of_IOB39A	TRUE
72	IOB41A	I/O	2		True_of_IOB41B	TRUE
73	VCC	Power	N/A			
74	VSS	Ground	N/A			
75	IOB42B	I/O	2		Comp_of_IOB42A	NONE
76	IOB43B	I/O	2		Comp_of_IOB43A	TRUE
77	VCCX	Power	N/A			
78	IOB43A	I/O	2		True_of_IOB43B	TRUE
79	IOR24B	I/O	1		Comp_of_IOR24A	TRUE
80	IOR24A	I/O	1		True_of_IOR24B	TRUE
81	IOR22B	I/O	1		Comp_of_IOR22A	TRUE
82	IOR22A	I/O	1		True_of_IOR22B	TRUE
83	IOR17B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR17A	TRUE
84	IOR17A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR17B	TRUE
85	IOR15B/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR15A	TRUE
86	IOR15A/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR15B	TRUE
87	IOR14B/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR14A	NONE
88	IOR14A/SO/D1	I/O	1	SO/D1	True_of_IOR14B	NONE
89	VSS	Ground	N/A			
90	IOR13B/SI/D2	I/O	1	SI/D2	Comp_of_IOR13A	TRUE
91	VCCO1	Power	N/A			
92	IOR13A/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR13B	TRUE
93	IOR12B/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR12A	NONE
94	IOR12A/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR12B	NONE
95	IOR11B/MO/D6	I/O	1	MO/D6	Comp_of_IOR11A	TRUE
96	IOR11A/MI/D7	I/O	1	MI/D7	True_of_IOR11B	TRUE

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LQ144	Pin Name	Function	BANK	Configuration Function	Differential Pair
97	IOR5B/GCLKC_2/RPLL_C_in	I/O	1	GCLKC_2/RPLL_C_in	Comp_of_IOR5A
98	IOR5A/GCLKT_2/RPLL_T_in	I/O	1	GCLKT_2/RPLL_T_in	True_of_IOR5B
99	IOR4B/RPLL_C_fb	I/O	1	RPLL_C_fb	Comp_of_IOR4A
100	IOR4A/RPLL_T_fb	I/O	1	RPLL_T_fb	True_of_IOR4B
101	IOR3B	I/O	1		Comp_of_IOR3A
102	IOR3A	I/O	1		True_of_IOR3B
103	VCCO1	Power	N/A		
104	IOR2B	I/O	1		Comp_of_IOR2A
105	VSS	Ground	N/A		
106	IOR2A	I/O	1		True_of_IOR2B
107	VSS	Ground	N/A		
108	VCC	Power	N/A		
109	VCCO0	Power	N/A		
110	NC	N/A	N/A		
111	NC	N/A	N/A		
112	NC	N/A	N/A		
113	IOT17B	I/O	0		Comp_of_IOT17A
114	IOT17A	I/O	0		True_of_IOT17B
115	IOT16B	I/O	0		Comp_of_IOT16A
116	IOT16A	I/O	0		True_of_IOT16B
117	IOT15B	I/O	0		Comp_of_IOT15A
118	IOT15A	I/O	0		True_of_IOT15B
119	IOT14B	I/O	0		Comp_of_IOT14A
120	IOT14A	I/O	0		True_of_IOT14B
121	IOT13B	I/O	0		Comp_of_IOT13A
122	IOT13A	I/O	0		True_of_IOT13B
123	IOT12B	I/O	0		Comp_of_IOT12A
124	IOT12A	I/O	0		True_of_IOT12B
125	VSS	Ground	N/A		
126	IOT11B	I/O	0		Comp_of_IOT11A
127	VCCO0	Power	N/A		
128	IOT11A	I/O	0		True_of_IOT11B
129	IOT10B	I/O	0		Comp_of_IOT10A
130	IOT10A	I/O	0		True_of_IOT10B
131	IOT9B	I/O	0		Comp_of_IOT9A
132	IOT9A	I/O	0		True_of_IOT9B
133	IOT8B	I/O	0		Comp_of_IOT8A
134	IOT8A	I/O	0		True_of_IOT8B
135	IOT7B	I/O	0		Comp_of_IOT7A
136	IOT7A	I/O	0		True_of_IOT7B
137	IOT6B	I/O	0		Comp_of_IOT6A
138	IOT6A	I/O	0		True_of_IOT6B
139	IOT5B	I/O	0		Comp_of_IOT5A
140	IOT5A	I/O	0		True_of_IOT5B
141	IOT4B	I/O	0		Comp_of_IOT4A
142	IOT4A	I/O	0		True_of_IOT4B
143	IOT3B/MODE1	I/O	0	MODE1	Comp_of_IOT3A
144	IOT2B/MODE0	I/O	0	MODE0	Comp_of_IOT2A

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LQ144	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
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

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LQ144	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
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	IOR8B	I/O	1		Comp_of_IOR8A	TRUE
100	IOR8A	I/O	1		True_of_IOR8B	TRUE
101	IOR6B/RPLL_C_fb	I/O	1	RPLL_C_fb	Comp_of_IOR6A	TRUE
102	IOR6A/RPLL_T_fb	I/O	1	RPLL_T_fb	True_of_IOR6B	TRUE
103	VCCO1	Power	N/A			
104	IOR5B/RPLL_C_in	I/O	1	RPLL_C_in	Comp_of_IOR5A	NONE
105	VSS	Ground	N/A			
106	IOR5A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR5B	NONE
107	VSS	Ground	N/A			
108	VCC	Power	N/A			
109	VCCO0	Power	N/A			
110	IOT42B	I/O	1		Comp_of_IOT42A	NONE
111	IOT42A	I/O	1		True_of_IOT42B	NONE
112	IOT41B	I/O	1		Comp_of_IOT41A	NONE
113	IOT41A	I/O	1		True_of_IOT41B	NONE
114	IOT39B	I/O	1		Comp_of_IOT39A	NONE
115	IOT39A	I/O	1		True_of_IOT39B	NONE
116	IOT37B	I/O	1		Comp_of_IOT37A	NONE
117	IOT37A	I/O	1		True_of_IOT37B	NONE
118	IOT34B	I/O	0		Comp_of_IOT34A	NONE
119	IOT34A	I/O	0		True_of_IOT34B	NONE
120	IOT32B	I/O	0		Comp_of_IOT32A	NONE
121	IOT32A	I/O	0		True_of_IOT32B	NONE
122	IOT29B/GCLKC_1	I/O	0	GCLKC_1	Comp_of_IOT29A	NONE
123	IOT29A/GCLKT_1	I/O	0	GCLKT_1	True_of_IOT29B	NONE
124	IOT27B	I/O	0		Comp_of_IOT27A	NONE
125	IOT27A	I/O	0		True_of_IOT27B	NONE
126	IOT24B	I/O	0		Comp_of_IOT24A	NONE
127	VCCO0	Power	N/A			
128	IOT24A	I/O	0		True_of_IOT24B	NONE
129	IOT22B	I/O	0		Comp_of_IOT22A	NONE
130	IOT22A	I/O	0		True_of_IOT22B	NONE
131	IOT20B	I/O	0		Comp_of_IOT20A	NONE
132	IOT20A	I/O	0		True_of_IOT20B	NONE
133	IOT17B	I/O	0		Comp_of_IOT17A	NONE
134	IOT17A	I/O	0		True_of_IOT17B	NONE
135	IOT15B	I/O	0		Comp_of_IOT15A	NONE
136	IOT15A	I/O	0		True_of_IOT15B	NONE
137	IOT12B	I/O	3		Comp_of_IOT12A	NONE
138	IOT12A	I/O	3		True_of_IOT12B	NONE
139	IOT10B	I/O	3		Comp_of_IOT10A	NONE
140	IOT10A	I/O	3		True_of_IOT10B	NONE
141	IOT8B	I/O	3		Comp_of_IOT8A	NONE
142	IOT8A	I/O	3		True_of_IOT8B	NONE
143	IOT6B/MODE1	I/O	3	MODE1	Comp_of_IOT6A	NONE
144	IOT5A/MODE0	I/O	3	MODE0	True_of_IOT5B	NONE

Note!

The shading with different colors are defined as follows:

1		different pin functions;
2		different configuration functions;
3		different BANK;
4		different TRUE LVDS;
5		different power;
6	Pins with no shading are compatible.	

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PG256	Pin Name	Function	BANK	Configuration Function	Differential 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

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
A1	VCC	Power	N/A			
A10	IOL18B	I/O	3		Comp_of_IOL18A	NONE
A11	IOL7A	I/O	3		True_of_IOL7B	NONE
A12	IOL4B	I/O	3		Comp_of_IOL4A	TRUE
A13	IOL14B/READY	I/O	3	READY	Comp_of_IOL14A	NONE
A14	IOL6B/LPLL_C_fb	I/O	3	LPLL_C_fb	Comp_of_IOL6A	TRUE
A15	IOL2B	I/O	3		Comp_of_IOL2A	TRUE
A16	VCC	Power	N/A			
A2	IOB12B	I/O	2		Comp_of_IOB12A	NONE
A3	IOB8A	I/O	2		True_of_IOB8B	TRUE
A4	IOB6A	I/O	2		True_of_IOB6B	TRUE
A5	IOB7A	I/O	2		True_of_IOB7B	NONE
A6	IOL12B/TDI	I/O	3	TDI	Comp_of_IOL12A	NONE
A7	IOL11B/TCK	I/O	3	TCK	Comp_of_IOL11A	TRUE
A8	IOL15B/GCLKC_6	I/O	3	GCLKC_6	Comp_of_IOL15A	TRUE
A9	IOL9A/GCLKT_7	I/O	3	GCLKT_7	True_of_IOL9B	NONE
B1	IOB11A	I/O	2		True_of_IOB11B	TRUE
B10	IOL13B/RECONFIG_N	I/O	3	RECONFIG_N	Comp_of_IOL13A	TRUE
B11	IOL4A	I/O	3		True_of_IOL4B	TRUE
B12	IOL5B/LPLL_C_in	I/O	3	LPLL_C_in	Comp_of_IOL5A	NONE
B13	IOL6A/LPLL_T_fb	I/O	3	LPLL_T_fb	True_of_IOL6B	TRUE
B14	IOL2A	I/O	3		True_of_IOL2B	TRUE
B15	VSS	Ground	N/A			
B16	IOT6B/MODE1	I/O	3	MODE1	Comp_of_IOT6A	NONE
B2	VSS	Ground	N/A			
B3	IOB12A	I/O	2		True_of_IOB12B	NONE
B4	IOB8B	I/O	2		Comp_of_IOB8A	TRUE
B5	IOL24B	I/O	3		Comp_of_IOL24A	TRUE
B6	IOB7B	I/O	2		Comp_of_IOB7A	NONE
B7	IOL22A	I/O	3		True_of_IOL22B	TRUE
B8	IOL11A/TMS	I/O	3	TMS	True_of_IOL11B	TRUE
B9	IOL18A	I/O	3		True_of_IOL18B	NONE
C1	IOB10A	I/O	2		True_of_IOB10B	NONE

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
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			
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			

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
C10	IOL12A/SCLK	I/O	3	SCLK	True_of_IOL12B	NONE
C11	IOL7B	I/O	3		Comp_of_IOL7A	NONE
C12	IOL5A/JTAGSEL_N/LPLL_T_in	I/O	3	JTAGSEL_N/LPLL_T_in	True_of_IOL5B	NONE
C13	IOL14A/DONE	I/O	3	DONE	True_of_IOL14B	NONE
C14	VSS	Ground	N/A			
C15	IOT5B/MODE2	I/O	3	MODE2	Comp_of_IOT5A	NONE
C16	IOT10A	I/O	3		True_of_IOT10B	NONE
C2	IOB11B	I/O	2		Comp_of_IOB11A	TRUE
C3	VSS	Ground	N/A			
C4	IOL24A	I/O	3		True_of_IOL24B	TRUE
C5	IOB6B	I/O	2		Comp_of_IOB6A	TRUE
C6	IOL13A/TDO	I/O	3	TDO	True_of_IOL13B	TRUE
C7	IOL22B	I/O	3		Comp_of_IOL22A	TRUE
C8	IOL15A/GCLKT_6	I/O	3	GCLKT_6	True_of_IOL15B	TRUE
C9	IOL9B/GCLKC_7	I/O	3	GCLKC_7	Comp_of_IOL9A	NONE
D1	IOB9B	I/O	2		Comp_of_IOB9A	NONE
D10	IOL8A	I/O	3		True_of_IOL8B	TRUE
D11	IOL3B	I/O	3		Comp_of_IOL3A	NONE
D12	VCCO3	Power	N/A			
D13	VSS	Ground	N/A			
D14	IOT38A	I/O	1		True_of_IOT38B	NONE
D15	IOT10B	I/O	3		Comp_of_IOT10A	NONE
D16	IOT9A	I/O	3		True_of_IOT9B	NONE
D2	IOB10B	I/O	2		Comp_of_IOB10A	NONE
D3	IOB9A	I/O	2		True_of_IOB9B	NONE
D4	VSS	Ground	N/A			
D5	VCCO3	Power	N/A			
D6	IOB5A	I/O	2		True_of_IOB5B	NONE
D7	IOL25B	I/O	3		Comp_of_IOL25A	NONE
D8	IOL21A	I/O	3		True_of_IOL21B	NONE
D9	IOL20B	I/O	3		Comp_of_IOL20A	TRUE
E1	IOB14A	I/O	2		True_of_IOB14B	NONE
E10	IOL8B	I/O	3		Comp_of_IOL8A	TRUE
E11	IOL16B	I/O	3		Comp_of_IOL16A	NONE
E12	VSS	Ground	N/A			
E13	VCCO0	Power	N/A			
E14	IOT9B	I/O	3		Comp_of_IOT9A	NONE
E15	IOT38B	I/O	1		Comp_of_IOT38A	NONE
E16	IOT13A	I/O	0		True_of_IOT13B	NONE
E2	IOB13A	I/O	2		True_of_IOB13B	TRUE
E3	IOB13B	I/O	2		Comp_of_IOB13A	TRUE
E4	VCCO2	Power	N/A			

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
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
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

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
E5	VSS	Ground	N/A			
E6	IOL25A	I/O	3		True_of_IOL25B	NONE
E7	IOB5B	I/O	2		Comp_of_IOB5A	NONE
E8	IOL23B	I/O	3		Comp_of_IOL23A	NONE
E9	IOL21B	I/O	3		Comp_of_IOL21A	NONE
F1	IOB16B	I/O	2		Comp_of_IOB16A	NONE
F10	IOL3A	I/O	3		True_of_IOL3B	NONE
F11	VSS	Ground	N/A			
F12	IOT16A	I/O	0		True_of_IOT16B	NONE
F13	IOT15A	I/O	0		True_of_IOT15B	NONE
F14	IOT14A	I/O	0		True_of_IOT14B	NONE
F15	IOT13B	I/O	0		Comp_of_IOT13A	NONE
F16	IOT14B	I/O	0		Comp_of_IOT14A	NONE
F2	IOB14B	I/O	2		Comp_of_IOB14A	NONE
F3	IOB16A	I/O	2		True_of_IOB16B	NONE
F4	IOB15A	I/O	2		True_of_IOB15B	TRUE
F5	IOB23A	I/O	2		True_of_IOB23B	TRUE
F6	VSS	Ground	N/A			
F7	IOL23A	I/O	3		True_of_IOL23B	NONE
F8	IOL20A	I/O	3		True_of_IOL20B	TRUE
F9	IOL16A	I/O	3		True_of_IOL16B	NONE
G1	IOB26A	I/O	2		True_of_IOB26B	NONE
G10	VCC	Power	N/A			
G11	IOT19A	I/O	0		True_of_IOT19B	NONE
G12	IOT15B	I/O	0		Comp_of_IOT15A	NONE
G13	IOT16B	I/O	0		Comp_of_IOT16A	NONE
G14	IOT17B	I/O	0		Comp_of_IOT17A	NONE
G15	IOT17A	I/O	0		True_of_IOT17B	NONE
G16	IOT20A	I/O	0		True_of_IOT20B	NONE
G2	IOB22A	I/O	2		True_of_IOB22B	NONE
G3	IOB22B	I/O	2		Comp_of_IOB22A	NONE
G4	IOB17B	I/O	2		Comp_of_IOB17A	TRUE
G5	IOB17A	I/O	2		True_of_IOB17B	TRUE
G6	IOB15B	I/O	2		Comp_of_IOB15A	TRUE
G7	VCC	Power	N/A			
G8	VCCX	Power	N/A			
G9	VCCO3	Power	N/A			
H1	IOB30B	I/O	2		Comp_of_IOB30A	NONE
H10	VCCO0	Power	N/A			
H11	IOT28A/GCLKT_0	I/O	0	GCLKT_0	True_of_IOT28B	NONE
H12	IOT19B	I/O	0		Comp_of_IOT19A	NONE
H13	IOT22A	I/O	0		True_of_IOT22B	NONE
H14	IOT23A	I/O	0		True_of_IOT23B	NONE

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
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
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

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
H15	IOT20B	I/O	0		Comp_of_IOT20A	NONE
H16	IOT23B	I/O	0		Comp_of_IOT23A	NONE
H2	IOB26B	I/O	2		Comp_of_IOB26A	NONE
H3	IOB30A	I/O	2		True_of_IOB30B	NONE
H4	IOB27A	I/O	2		True_of_IOB27B	TRUE
H5	IOB32A	I/O	2		True_of_IOB32B	NONE
H6	IOB23B	I/O	2		Comp_of_IOB23A	TRUE
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
J10	VCCO0	Power	N/A			
J11	IOT30A	I/O	0		True_of_IOT30B	NONE
J12	IOT22B	I/O	0		Comp_of_IOT22A	NONE
J13	IOT28B/GCLKC_0	I/O	0	GCLKC_0	Comp_of_IOT28A	NONE
J14	IOT25B	I/O	0		Comp_of_IOT25A	NONE
J15	IOT27A	I/O	0		True_of_IOT27B	NONE
J16	IOT25A	I/O	0		True_of_IOT25B	NONE
J2	IOB31A	I/O	2		True_of_IOB31B	TRUE
J3	IOB28B/GCLKC_5	I/O	2	GCLKC_5	Comp_of_IOB28A	NONE
J4	IOB32B	I/O	2		Comp_of_IOB32A	NONE
J5	IOB34A	I/O	2		True_of_IOB34B	NONE
J6	IOB27B	I/O	2		Comp_of_IOB27A	TRUE
J7	VCCO2	Power	N/A			
J8	VSS	Ground	N/A			
J9	VSS	Ground	N/A			
K1	IOB31B	I/O	2		Comp_of_IOB31A	TRUE
K10	VCC	Power	N/A			
K11	IOT36A	I/O	1		True_of_IOT36B	NONE
K12	IOT34B	I/O	0		Comp_of_IOT34A	NONE
K13	IOT34A	I/O	0		True_of_IOT34B	NONE
K14	IOT29A/GCLKT_1	I/O	0	GCLKT_1	True_of_IOT29B	NONE
K15	IOT29B/GCLKC_1	I/O	0	GCLKC_1	Comp_of_IOT29A	NONE
K16	IOT27B	I/O	0		Comp_of_IOT27A	NONE
K2	IOB33B	I/O	2		Comp_of_IOB33A	TRUE
K3	IOB33A	I/O	2		True_of_IOB33B	TRUE
K4	IOB36A	I/O	2		True_of_IOB36B	NONE
K5	IOB37A	I/O	2		True_of_IOB37B	NONE
K6	IOB34B	I/O	2		Comp_of_IOB34A	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

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
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			

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
L10	IOR12B/MCLK/D4	I/O	1	MCLK/D4	Comp_of_IOR12A	NONE
L11	VSS	Ground	N/A			
L12	IOT30B	I/O	0		Comp_of_IOT30A	NONE
L13	IOT36B	I/O	1		Comp_of_IOT36A	NONE
L14	IOT32B	I/O	0		Comp_of_IOT32A	NONE
L15	IOT2A	I/O	3		True_of_IOT2B	NONE
L16	IOT32A	I/O	0		True_of_IOT32B	NONE
L2	IOB29A/GCLKT_4	I/O	2	GCLKT_4	True_of_IOB29B	TRUE
L3	IOB35B	I/O	2		Comp_of_IOB35A	TRUE
L4	IOB37B	I/O	2		Comp_of_IOB37A	NONE
L5	IOB36B	I/O	2		Comp_of_IOB36A	NONE
L6	VSS	Ground	N/A			
L7	IOR24B	I/O	1		Comp_of_IOR24A	TRUE
L8	IOR21B	I/O	1		Comp_of_IOR21A	NONE
L9	IOR18B	I/O	1		Comp_of_IOR18A	NONE
M1	IOB29B/GCLKC_4	I/O	2	GCLKC_4	Comp_of_IOB29A	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	IOT37A	I/O	1		True_of_IOT37B	NONE
M15	IOT37B	I/O	1		Comp_of_IOT37A	NONE
M16	IOT5A/MODE0	I/O	3	MODE0	True_of_IOT5B	NONE
M2	IOB40A	I/O	2		True_of_IOB40B	NONE
M3	IOB39A	I/O	2		True_of_IOB39B	TRUE
M4	VCCO2	Power	N/A			
M5	VSS	Ground	N/A			
M6	IOR21A	I/O	1		True_of_IOR21B	NONE
M7	IOR22A	I/O	1		True_of_IOR22B	TRUE
M8	IOR14A/SO/D1	I/O	1	SO/D1	True_of_IOR14B	NONE
M9	IOR12A/MCS_N/D5	I/O	1	MCS_N/D5	True_of_IOR12B	NONE
N1	IOB39B	I/O	2		Comp_of_IOB39A	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	IOT41B	I/O	1		Comp_of_IOT41A	NONE
N15	IOT39A	I/O	1		True_of_IOT39B	NONE
N16	IOT41A	I/O	1		True_of_IOT41B	NONE
N2	IOB38A	I/O	2		True_of_IOB38B	NONE
N3	IOB40B	I/O	2		Comp_of_IOB40A	NONE
N4	VSS	Ground	N/A			
N5	VCCO1	Power	N/A			

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
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
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

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
N6	IOR24A	I/O	1		True_of_IOR24B	TRUE
N7	IOR22B	I/O	1		Comp_of_IOR22A	TRUE
N8	IOR18A	I/O	1		True_of_IOR18B	NONE
N9	IOR14B/SSPI_CS_N/D0	I/O	1	SSPI_CS_N/D0	Comp_of_IOR14A	NONE
P1	IOB38B	I/O	2		Comp_of_IOB38A	NONE
P10	IOR11A/MI/D7	I/O	1	MI/D7	True_of_IOR11B	TRUE
P11	IOR8B	I/O	1		Comp_of_IOR8A	TRUE
P12	IOR6A/RPLL_T_fb	I/O	1	RPLL_T_fb	True_of_IOR6B	TRUE
P13	IOT46B	I/O	1		Comp_of_IOT46A	NONE
P14	VSS	Ground	N/A			
P15	IOT42A	I/O	1		True_of_IOT42B	NONE
P16	IOT39B	I/O	1		Comp_of_IOT39A	NONE
P2	IOB41B	I/O	2		Comp_of_IOB41A	TRUE
P3	VSS	Ground	N/A			
P4	IOB42B	I/O	2		Comp_of_IOB42A	NONE
P5	IOB44B	I/O	2		Comp_of_IOB44A	NONE
P6	IOR25A	I/O	1		True_of_IOR25B	NONE
P7	IOR23B	I/O	1		Comp_of_IOR23A	NONE
P8	IOR20A	I/O	1		True_of_IOR20B	TRUE
P9	IOR15B/DOUT/WE_N	I/O	1	DOUT/WE_N	Comp_of_IOR15A	TRUE
R1	IOB41A	I/O	2		True_of_IOB41B	TRUE
R10	IOR11B/MO/D6	I/O	1	MO/D6	Comp_of_IOR11A	TRUE
R11	IOR3A	I/O	1		True_of_IOR3B	NONE
R12	IOT46A	I/O	1		True_of_IOT46B	NONE
R13	IOR4A	I/O	1		True_of_IOR4B	TRUE
R14	IOR5B/RPLL_C_in	I/O	1	RPLL_C_in	Comp_of_IOR5A	NONE
R15	VSS	Ground	N/A			
R16	IOT42B	I/O	1		Comp_of_IOT42A	NONE
R2	VSS	Ground	N/A			
R3	IOB43B	I/O	2		Comp_of_IOB43A	TRUE
R4	IOB45B	I/O	2		Comp_of_IOB45A	TRUE
R5	IOB44A	I/O	2		True_of_IOB44B	NONE
R6	IOR27B	I/O	1		Comp_of_IOR27A	NONE
R7	IOR23A	I/O	1		True_of_IOR23B	NONE
R8	IOR17B/GCLKC_3	I/O	1	GCLKC_3	Comp_of_IOR17A	TRUE
R9	IOR13A/FASTRD_N/D3	I/O	1	FASTRD_N/D3	True_of_IOR13B	TRUE
T1	VCC	Power	N/A			
T10	IOR13B/SI/D2	I/O	1	SI/D2	Comp_of_IOR13A	TRUE
T11	IOR8A	I/O	1		True_of_IOR8B	TRUE
T12	IOR3B	I/O	1		Comp_of_IOR3A	NONE

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
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

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PG256	Pin Name	Function	BANK	Configuration Function	Differential Pair	LVDS
T13	IOR6B/RPLL_C_fb	I/O	1	RPLL_C_fb	Comp_of_IOR6A	TRUE
T14	IOR4B	I/O	1		Comp_of_IOR4A	TRUE
T15	IOR5A/RPLL_T_in	I/O	1	RPLL_T_in	True_of_IOR5B	NONE
T16	VCC	Power	N/A			
T2	IOB43A	I/O	2		True_of_IOB43B	TRUE
T3	IOB45A	I/O	2		True_of_IOB45B	TRUE
T4	IOB42A	I/O	2		True_of_IOB42B	NONE
T5	IOR27A	I/O	1		True_of_IOR27B	NONE
T6	IOR25B	I/O	1		Comp_of_IOR25A	NONE
T7	IOR17A/GCLKT_3	I/O	1	GCLKT_3	True_of_IOR17B	TRUE
T8	IOR20B	I/O	1		Comp_of_IOR20A	TRUE
T9	IOR15A/DIN/CLKHOLD_N	I/O	1	DIN/CLKHOLD_N	True_of_IOR15B	TRUE