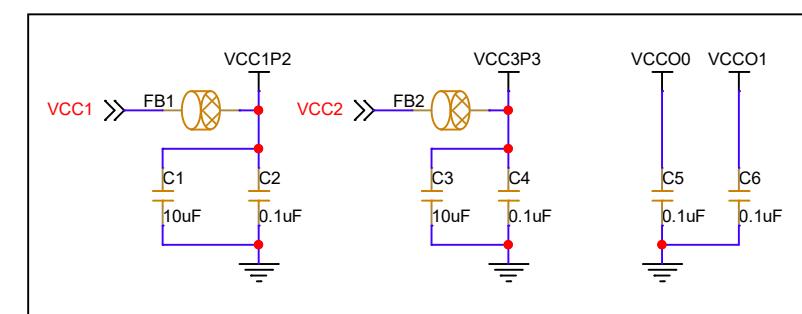
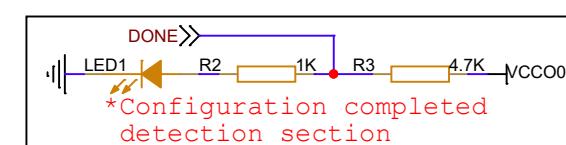
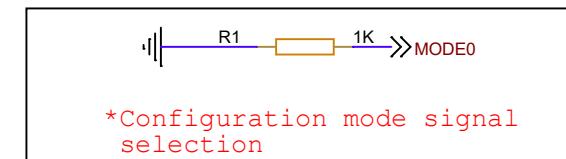
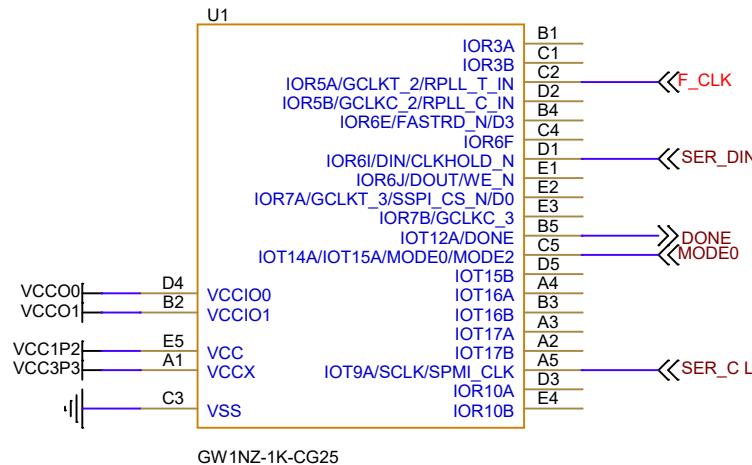


GW1NZ-1K-CG25



Notes:

1. F_CLK signal is an external input clock signal.

It is recommended that F_CLK signal be provided through an active oscillator crystal.

Title
GOWIN Minimum System Diagram

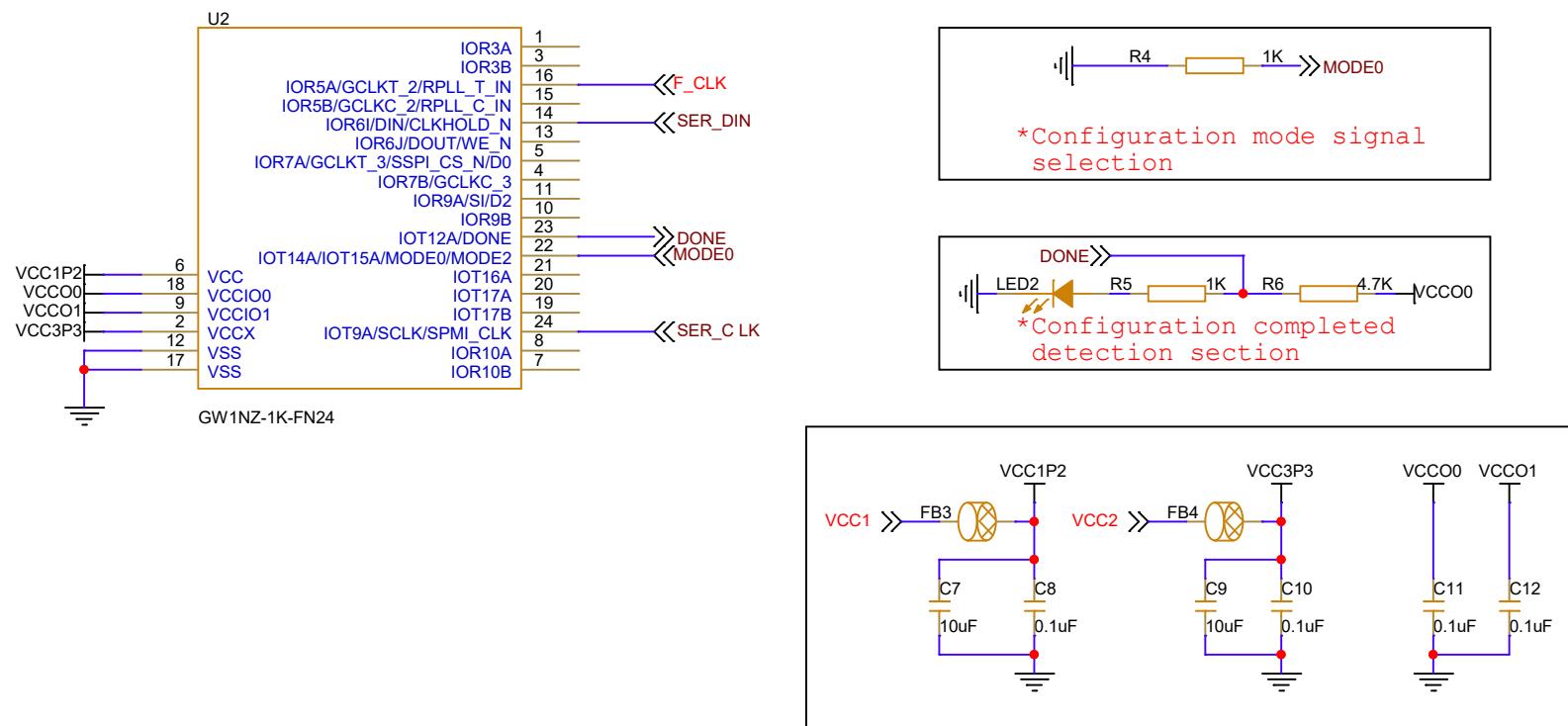
Size A4 Document Number
GW1NZ-1K-CG25

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GW1NZ-1K-FN24



Notes:

1. F_CLK signal is an external input clock signal.

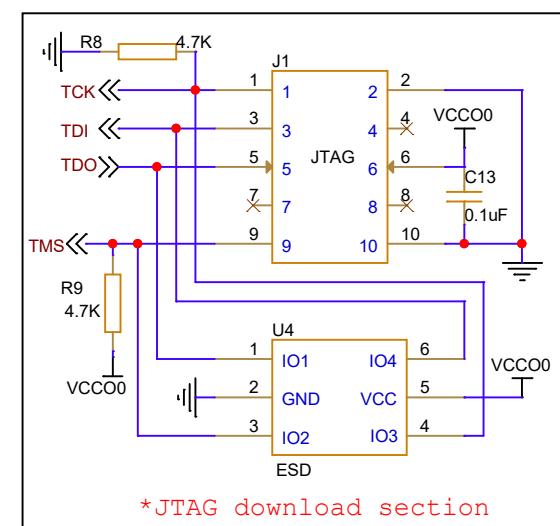
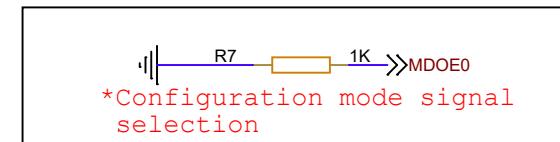
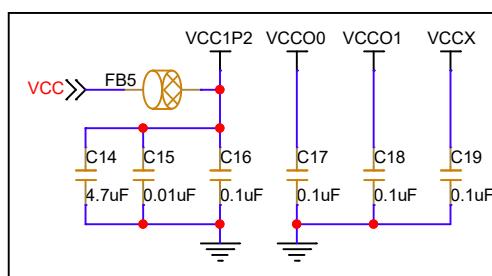
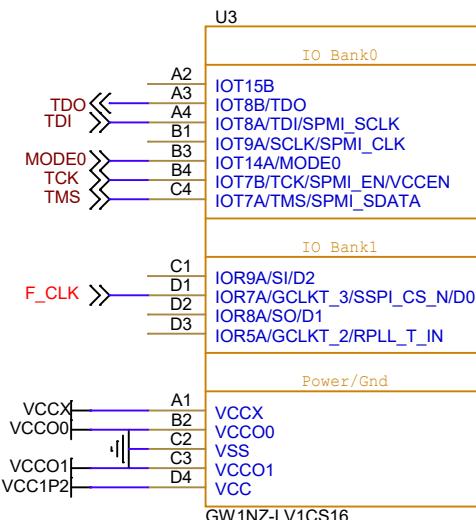
It is recommended that F_CLK signal be provided through an active oscillator crystal.

Title	
GOWIN Minimum System Diagram	

Size	Document Number
A4	GW1NZ-1K-FN24

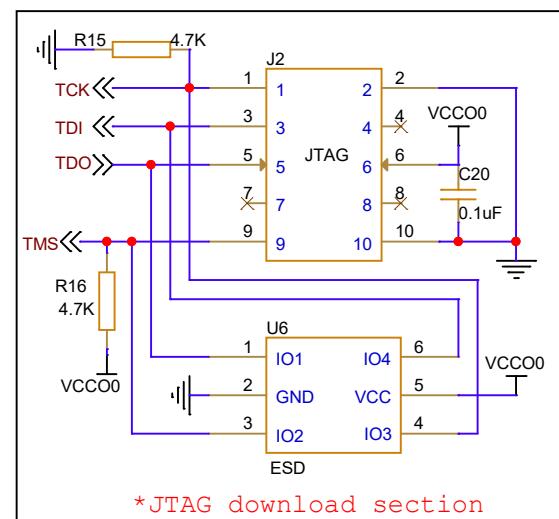
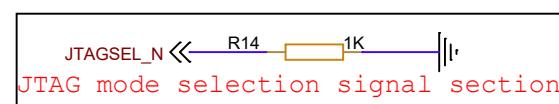
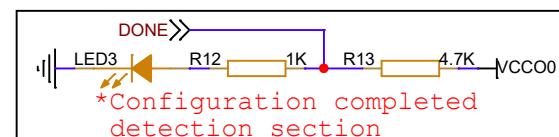
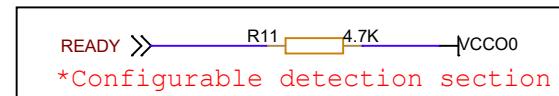
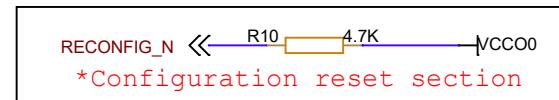
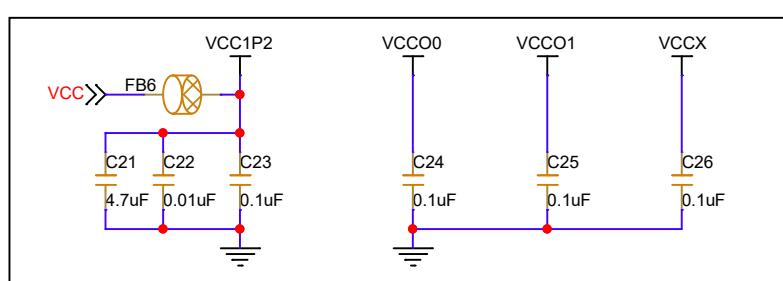
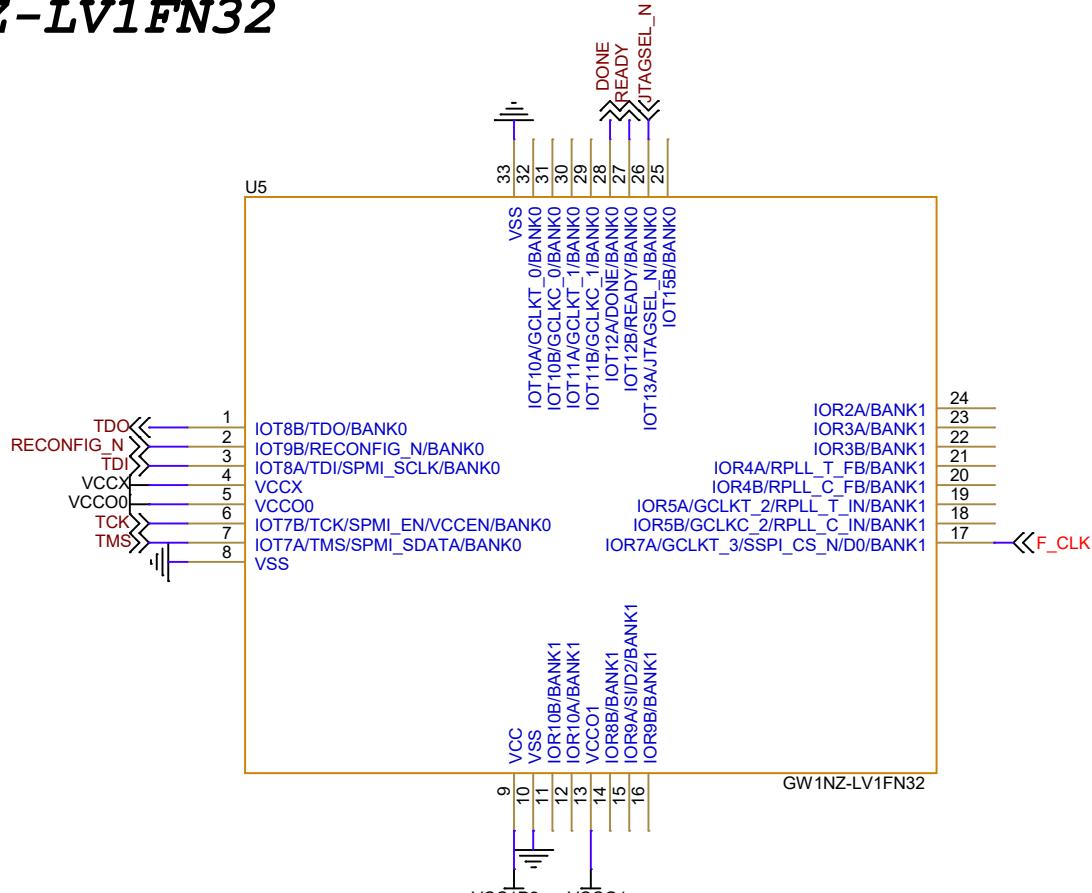
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2.2

GW1NZ-LV1CS16



Notes:

1. F_CLK signal is an external input clock signal.
It is recommended that F_CLK signal be provided through an active oscillator crystal.
2. It is recommended that add an ESD protection chip to the JTAG download circuit.

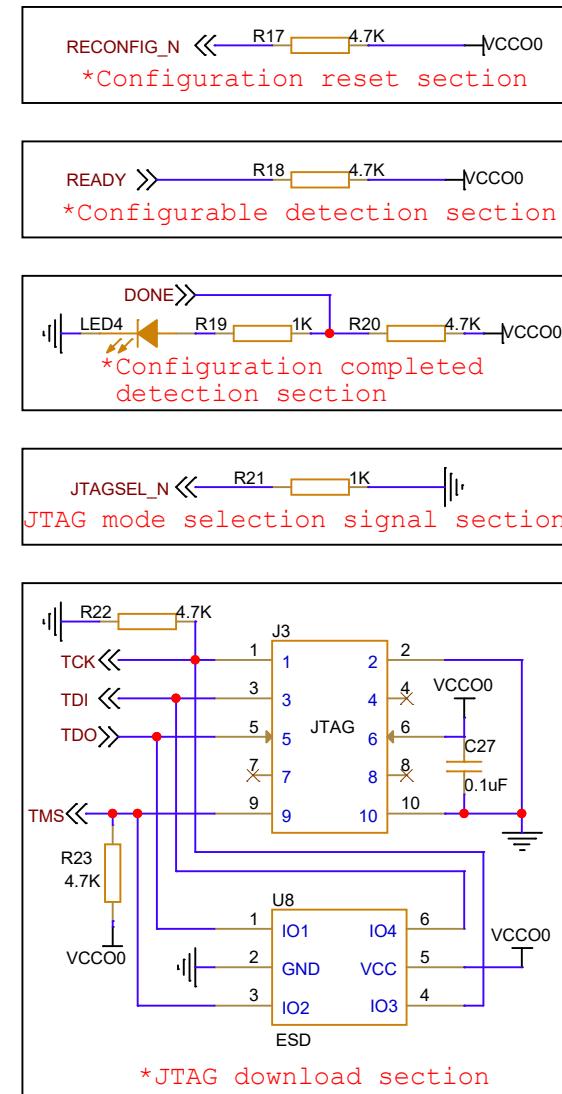
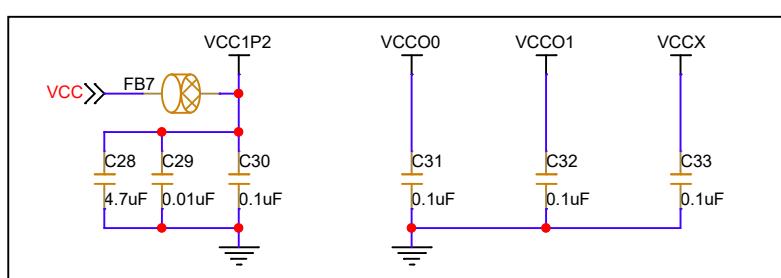
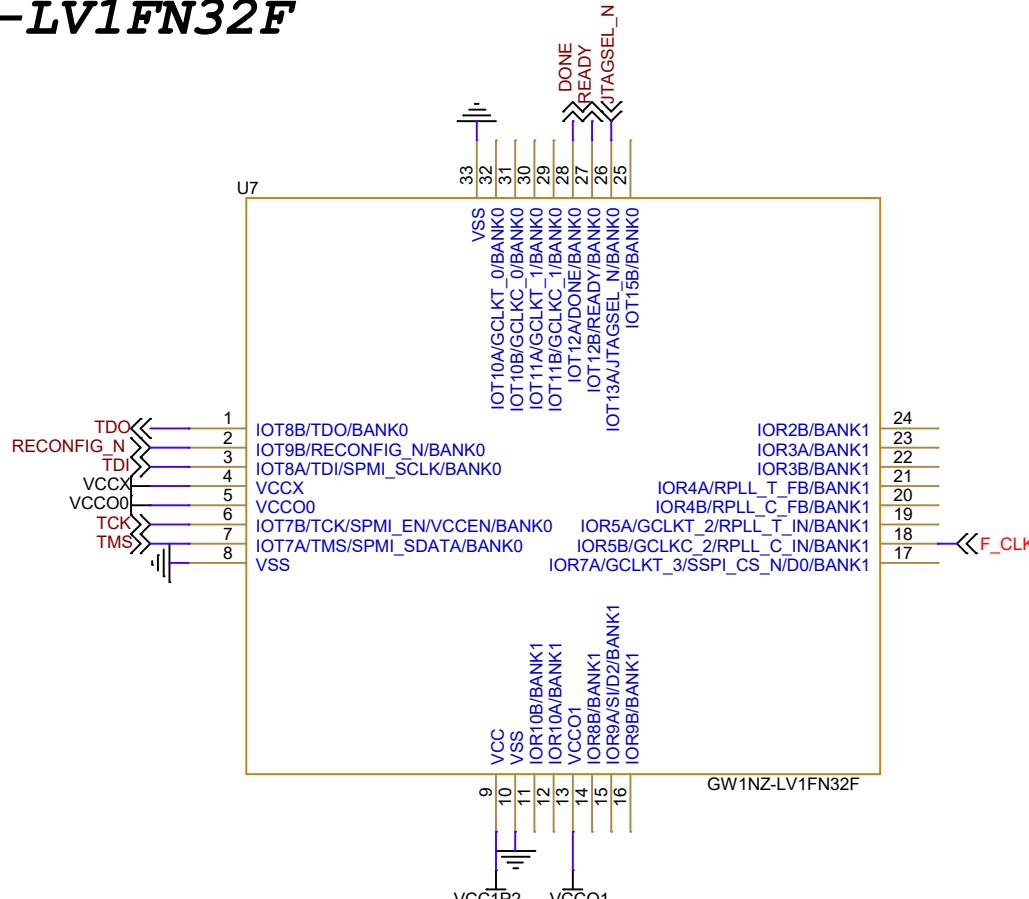


Notes:

1. F_CLK signal is an external input clock signal.
It is recommended that F CLK signal be provided through an active oscillator crystal.
2. It is recommended that add an ESD protection chip to the JTAG download circuit.

Title	
GOWIN Minimum System Diagram	
Size	Document Number
A4	GW1NZ-LV1FN32

GW1NZ-LV1FN32F

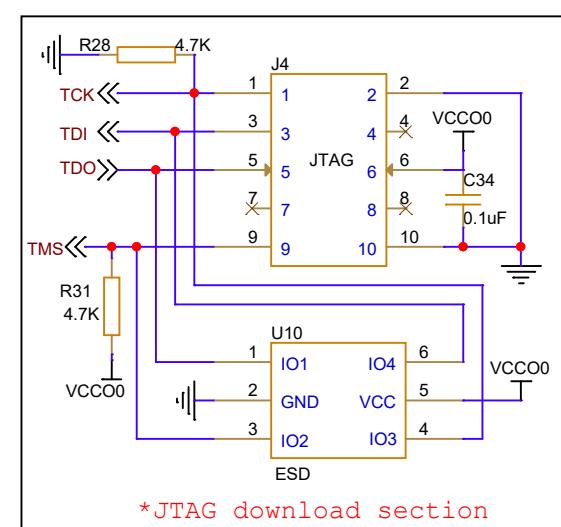
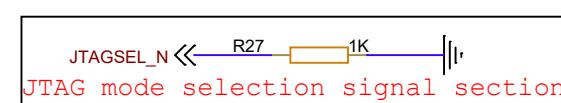
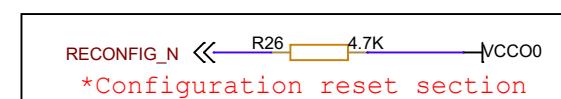
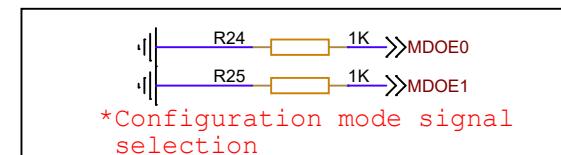
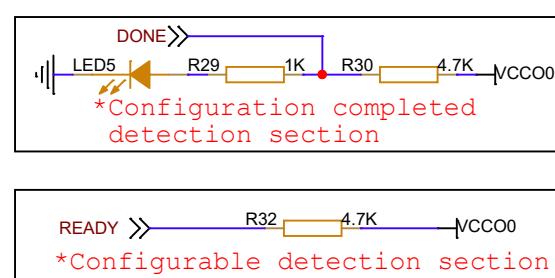
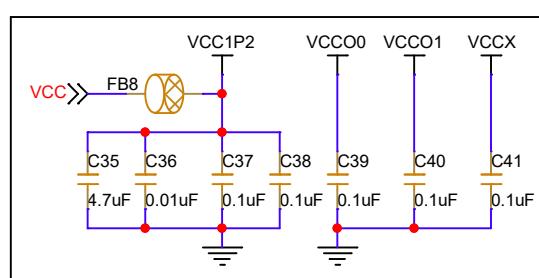
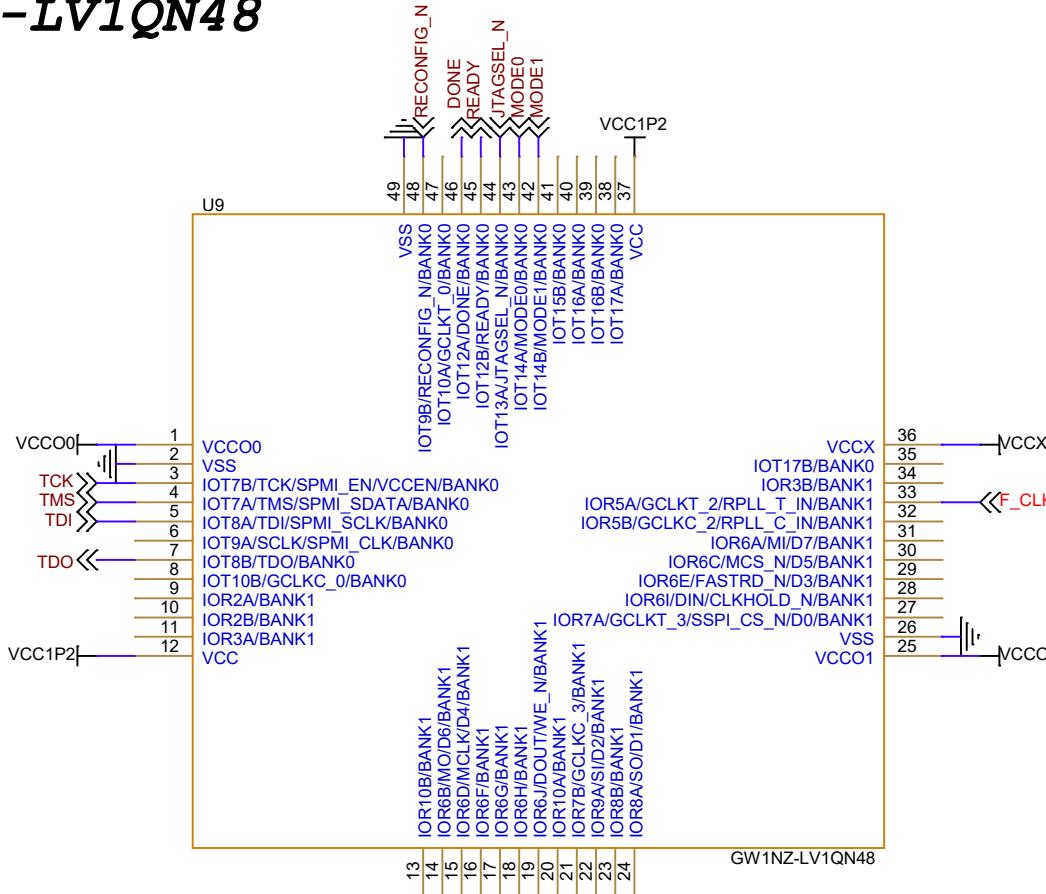


Notes:

1. F CLK signal is an external input clock signal.
It is recommended that F CLK signal be provided through an active oscillator crystal.
2. It is recommended that add an ESD protection chip to the JTAG download circuit.

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Size A4 Document Number GW1NZ-LV1FN32F	
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Notes:

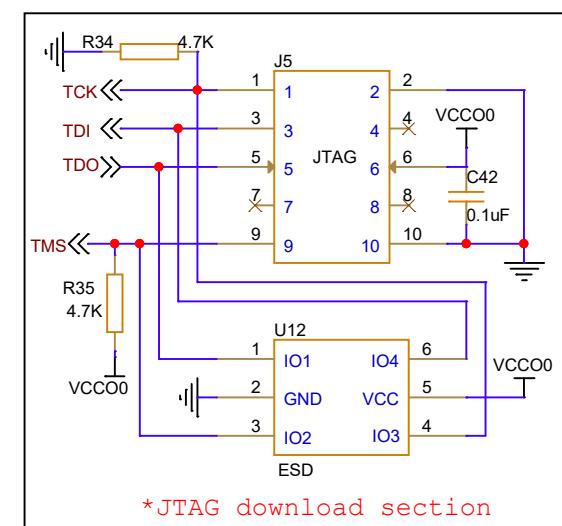
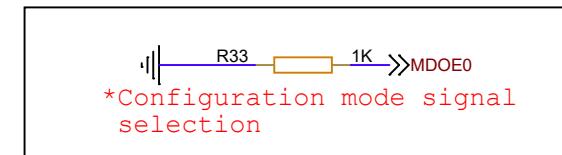
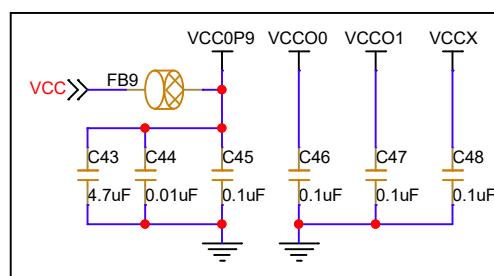
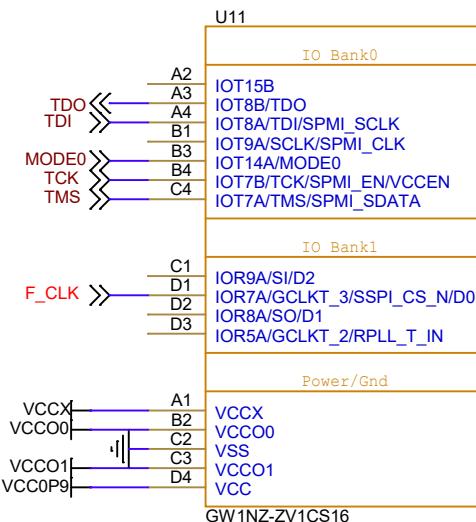
1. F_CLK signal is an external input clock signal.

It is recommended that F CLK signal be provided through an active oscillator crystal.

2. It is recommended that add an ESD protection chip to the JTAG download circuit.

Title	
GOWIN Minimum System Diagram	
Size	Document Number
A4	GW1NZ-LV1QN48

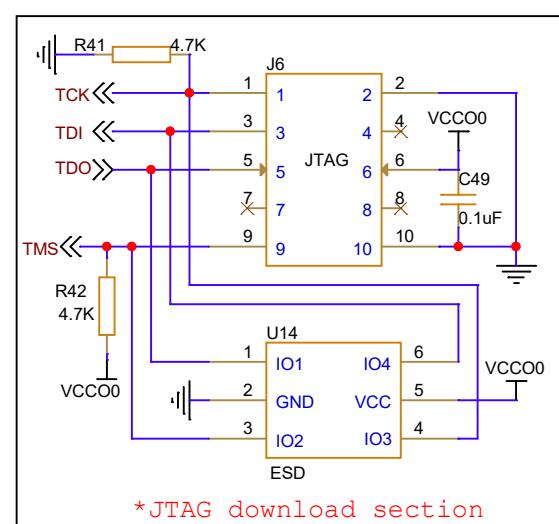
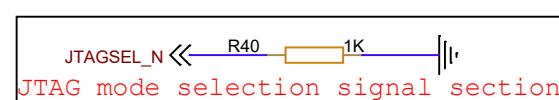
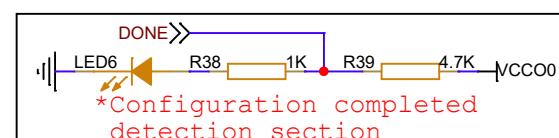
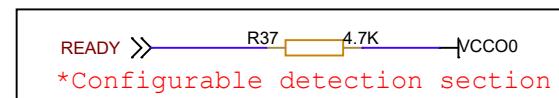
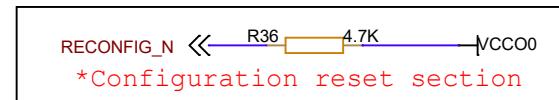
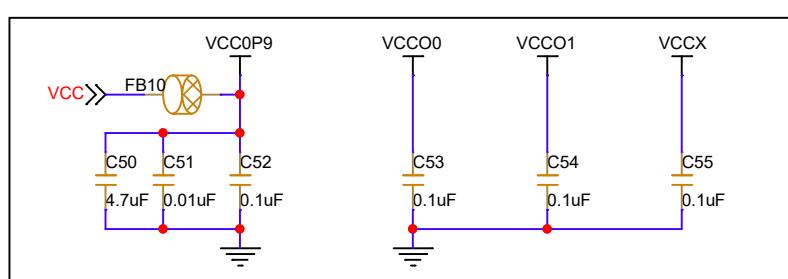
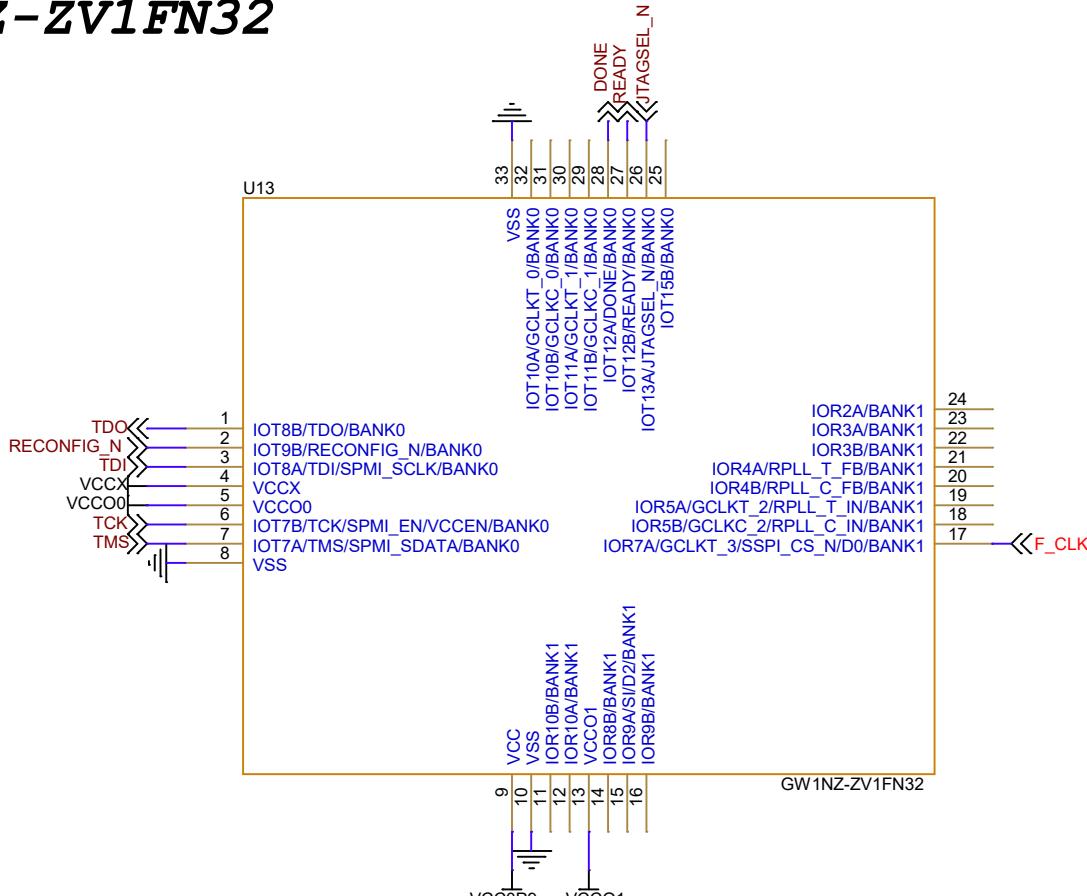
GW1NZ-ZV1CS16



Notes:

1. F_CLK signal is an external input clock signal.
It is recommended that F_CLK signal be provided through an active oscillator crystal.
2. It is recommended that add an ESD protection chip to the JTAG download circuit.

GW1NZ-ZV1FN32

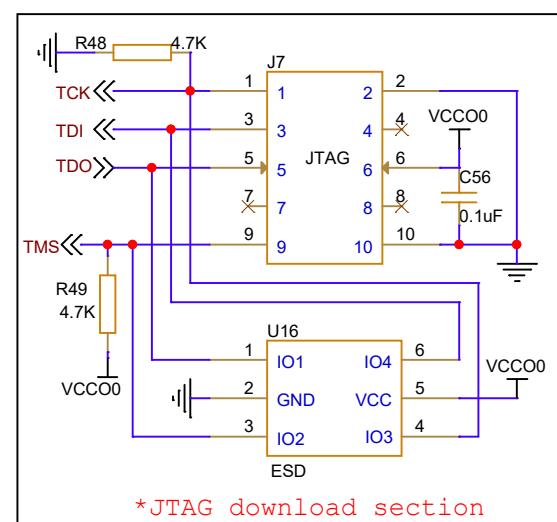
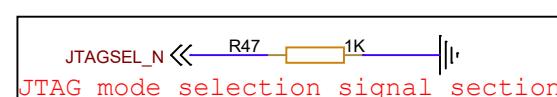
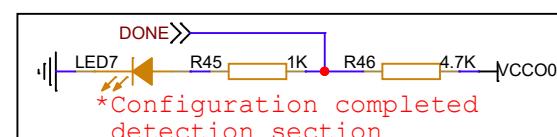
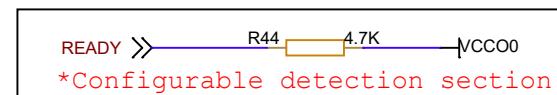
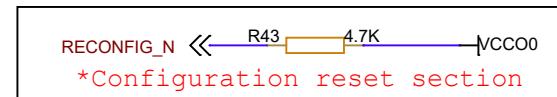
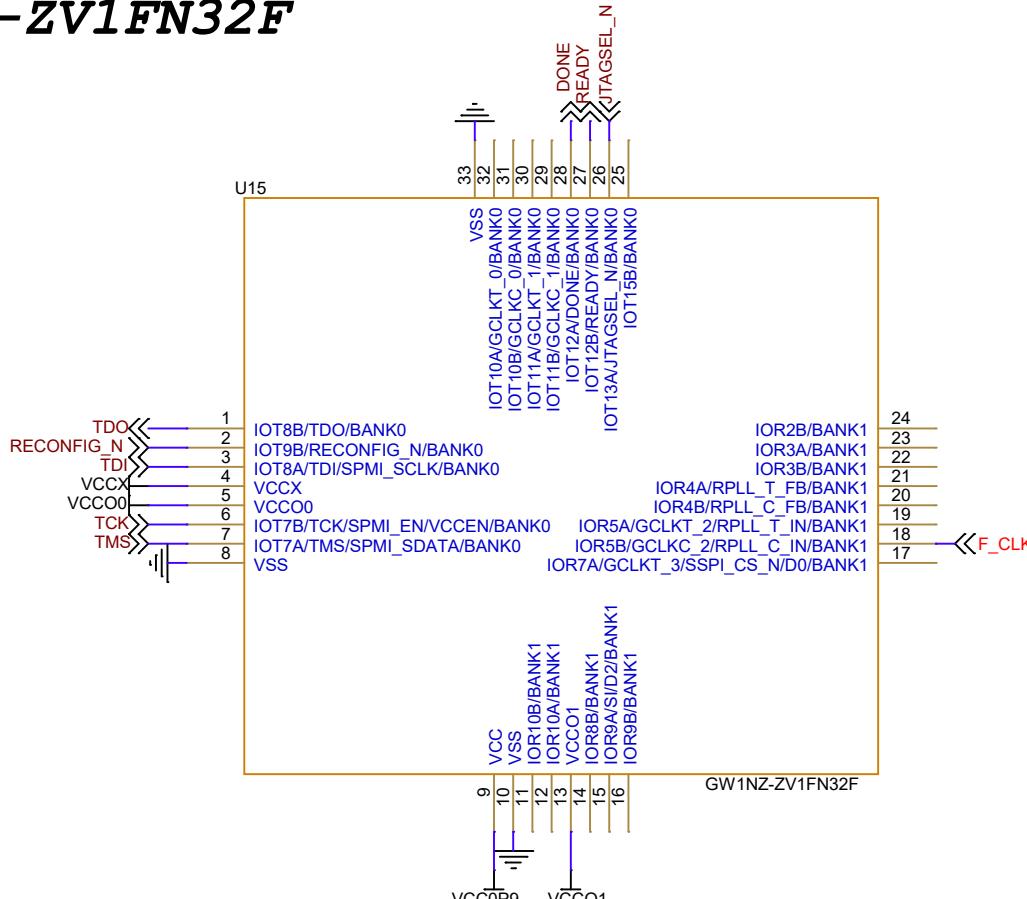


Notes:

1. F_CLK signal is an external input clock signal.
It is recommended that F CLK signal be provided through an active oscillator crystal.
2. It is recommended that add an ESD protection chip to the JTAG download circuit.

Title	
GOWIN Minimum System Diagram	
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Notes:

1. F CLK signal is an external input clock signal.
It is recommended that F CLK signal be provided through an active oscillator crystal.
2. It is recommended that add an ESD protection chip to the JTAG download circuit.

Title
GOWIN Minimum System Diagram

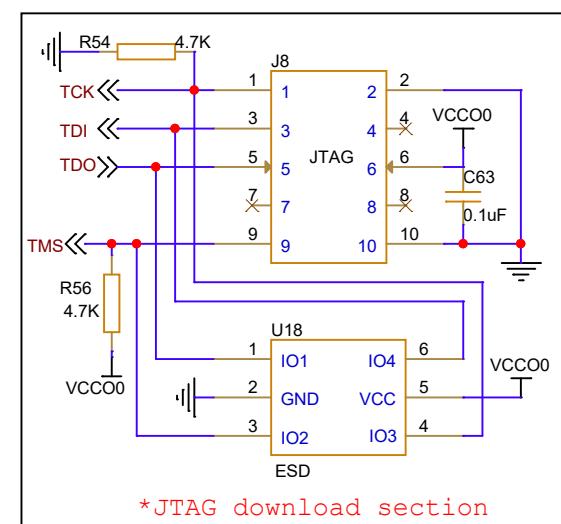
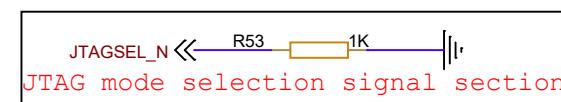
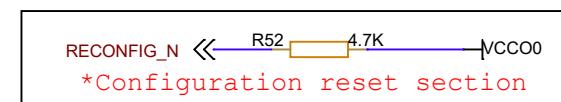
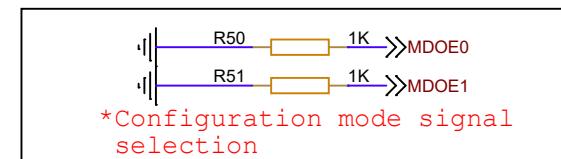
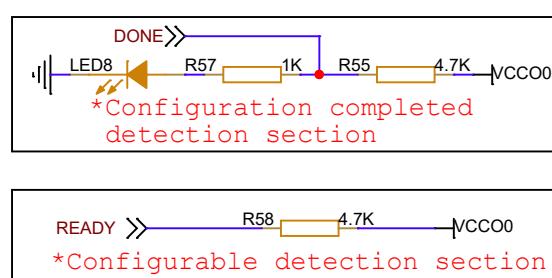
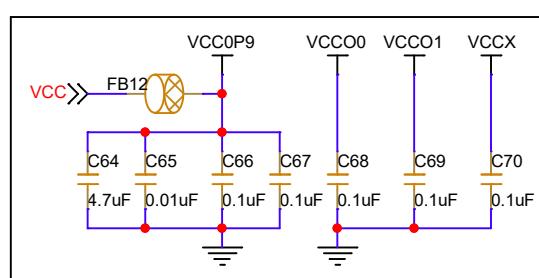
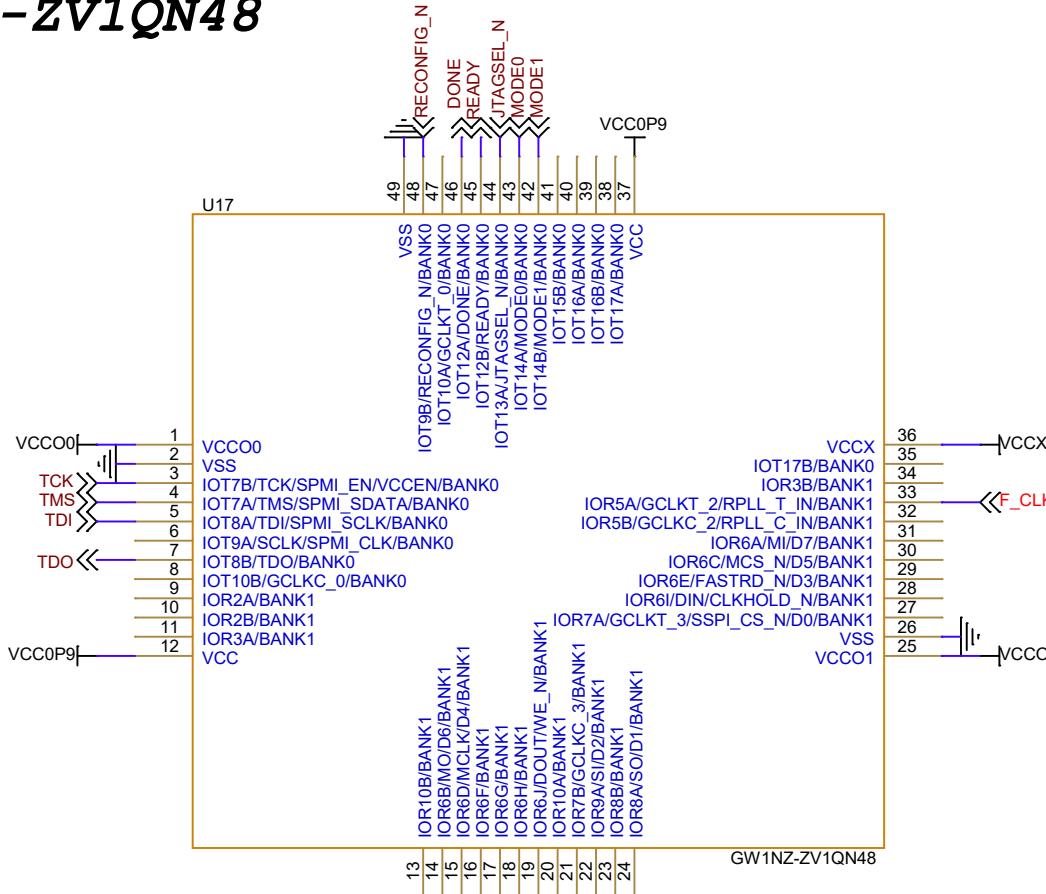
Size A4 Document Number
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Notes:

1. F_CLK signal is an external input clock signal.

It is recommended that F CLK signal be provided through an active oscillator crystal.

2. It is recommended that add an ESD protection chip to the JTAG download circuit.

Title	
GOWIN Minimum System Diagram	
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