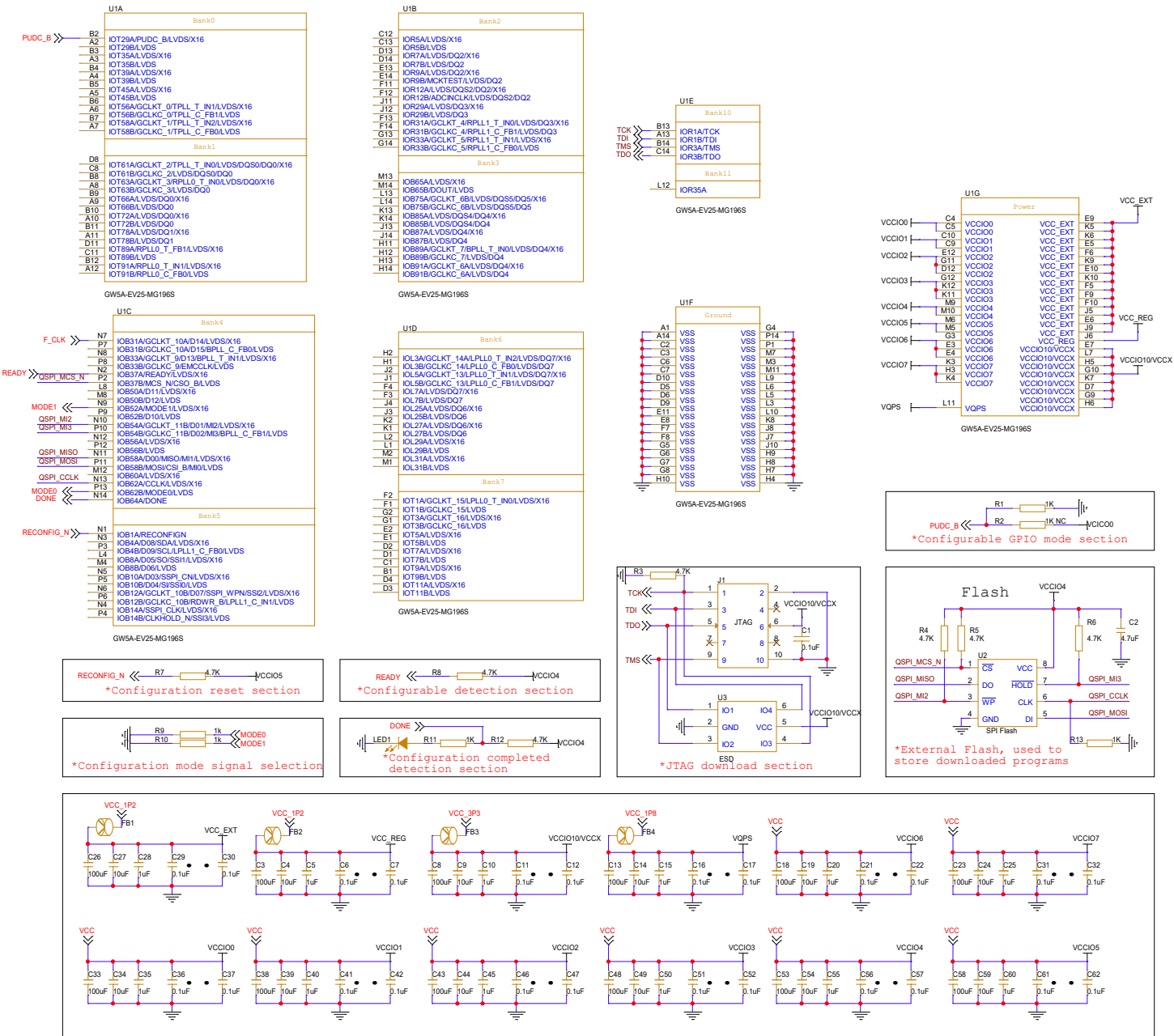


GW5A-EV25MG196S



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.External Flash memory is used to store downloaded programs.  
For details about SPI Flash model selection, see Chapter 10 SPI Flash Selection in UG290.
- 3.It is recommended that add an ESD protection chip to the JTAG download circuit.
- 4.VCC core voltage requires a large current, so it is recommended to supply power separately.

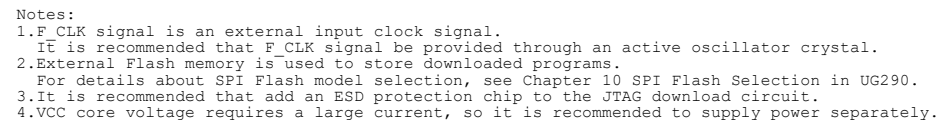
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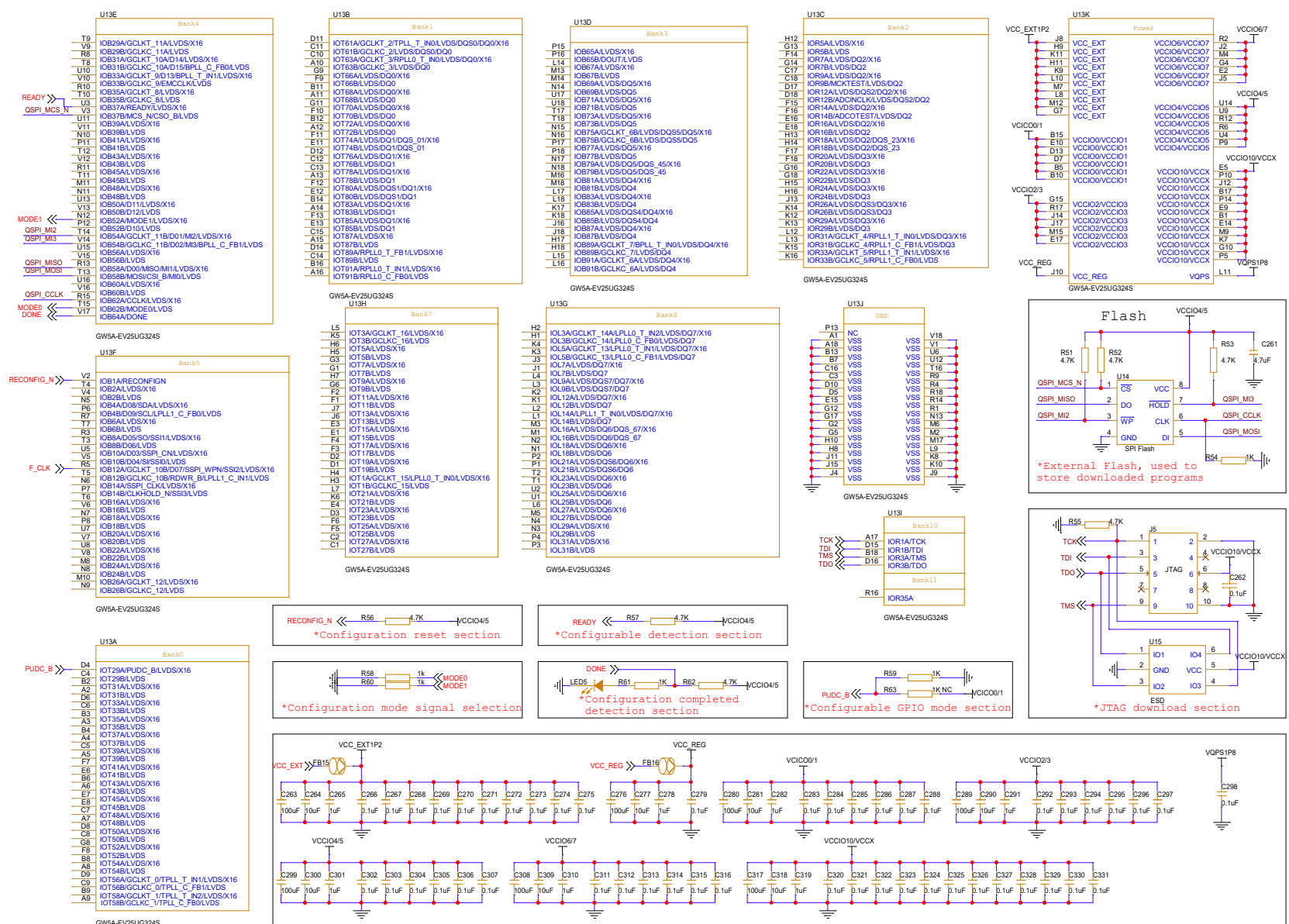
- 1.F CLK signal is an external input clock signal.  
It is recommended that F CLK signal be provided through an active oscillator crystal.
- 2.External Flash memory is used to store downloaded programs.  
For details about SPI Flash model selection, see Chapter 10 SPI Flash Selection in UG290.
- 3.It is recommended that add an ESD protection chip to the JTAG download circuit.
- 4.VCC core voltage requires a large current, so it is recommended to supply power separately.



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.External Flash memory is used to store downloaded programs.  
For details about SPI Flash model selection, see Chapter 10 SPI Flash Selection in UG290.
- 3.It is recommended that add an ESD protection chip to the JTAG download circuit.
- 4.VCC core voltage requires a large current, so it is recommended to supply power separately.





Notes:

- 1.F CLK signal is an external input clock signal.  
It is recommended that F.CLK signal be introduced through an active oscillator crystal.
- 2.External Flash memory is used to store downloaded programs.  
For details about SPI Flash selection, see Chapter 10 SPI Flash Selection in UG290.
- 3.It is recommended that add an ESD protection chip to the JTAG download circuit.
- 4.VCC core voltage requires a large current, so it is recommended to supply power separately.

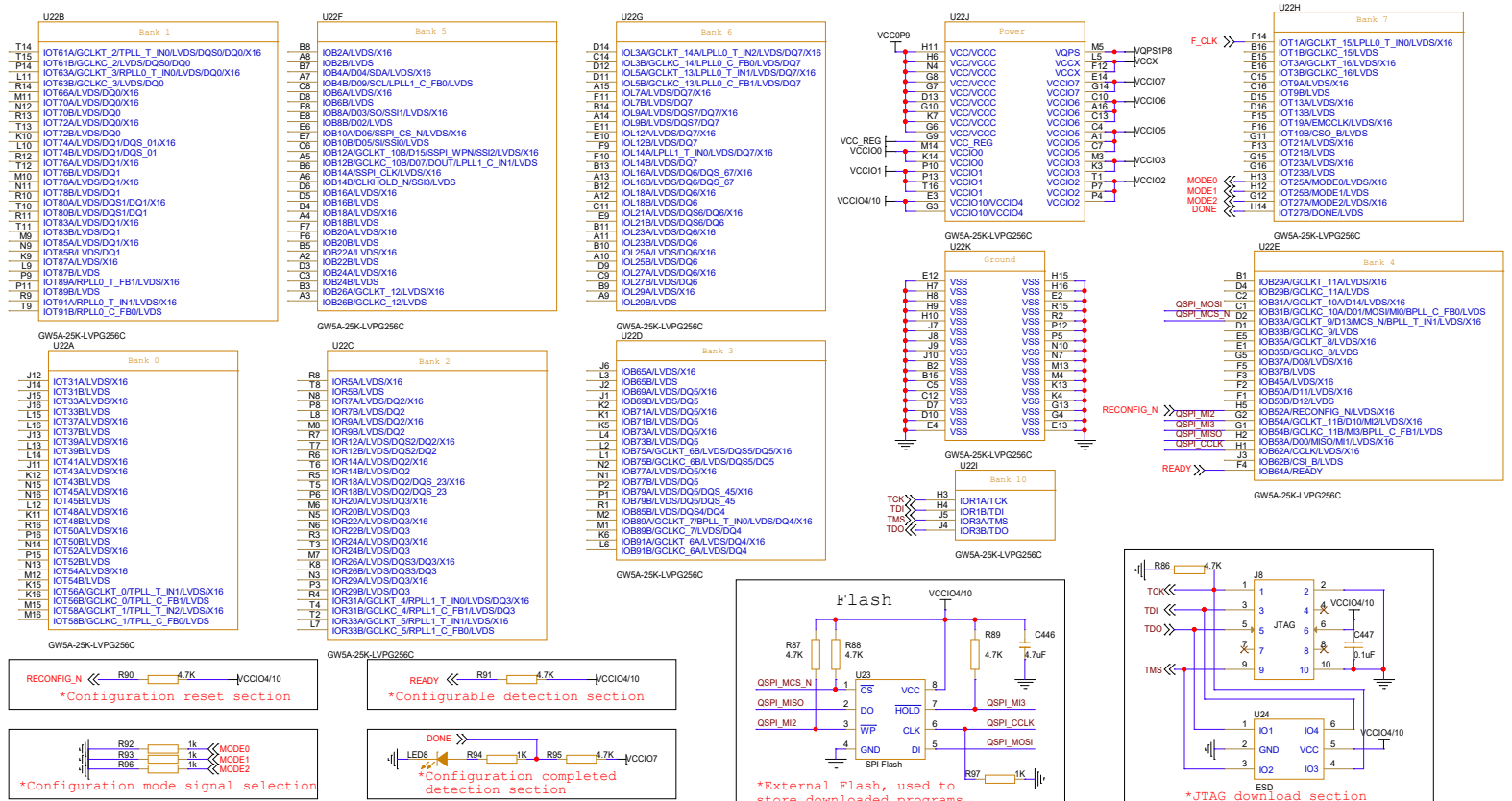






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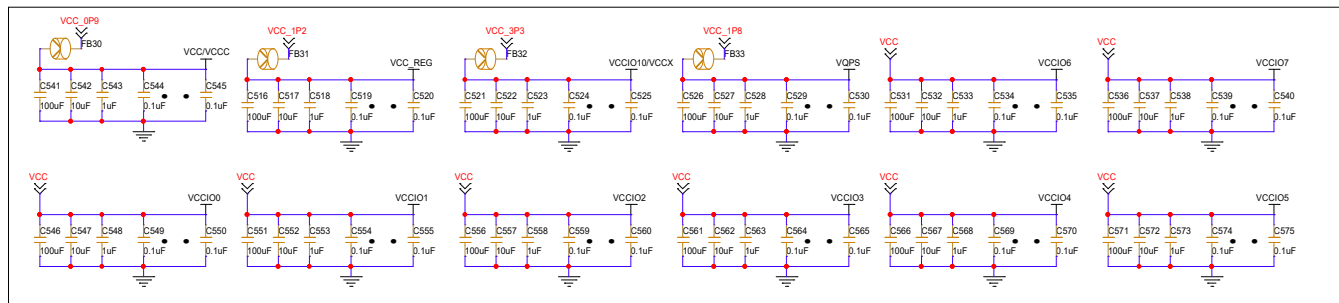
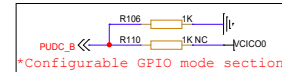
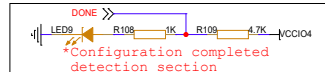
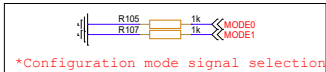
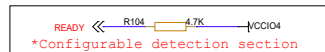
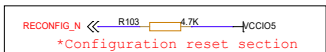
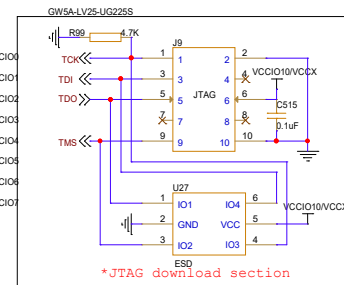
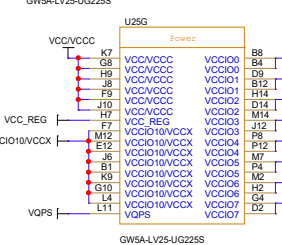
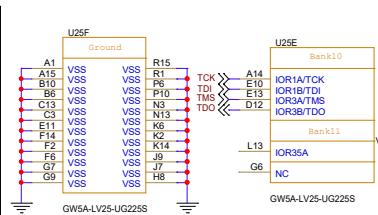
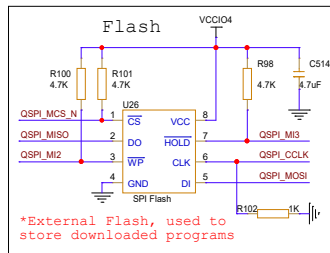
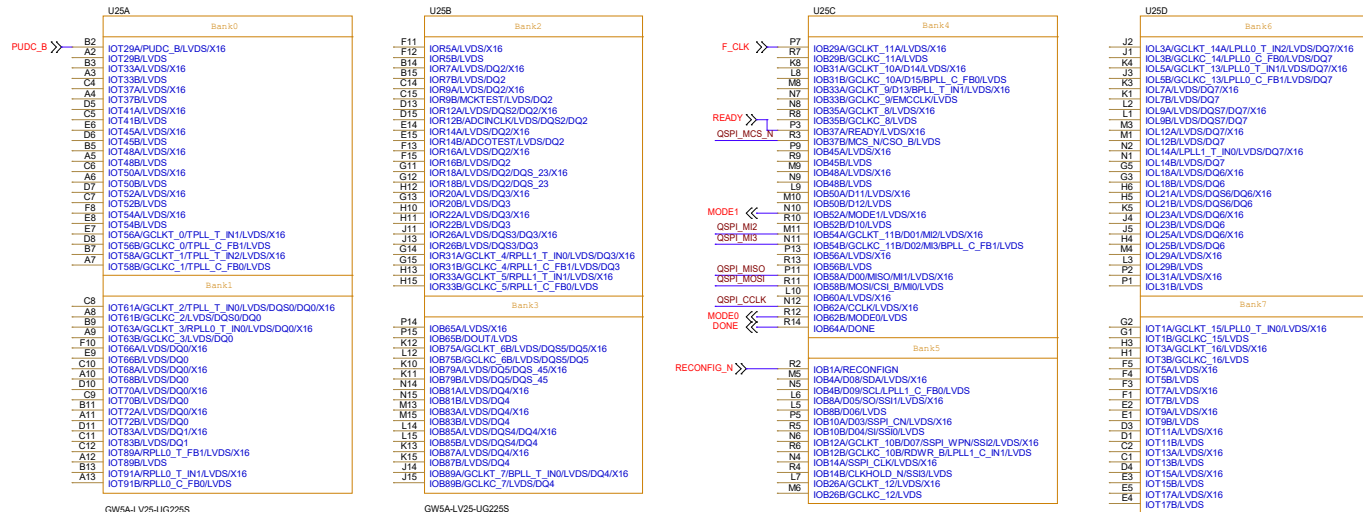
GW5A-LV25PG256C



Notes:

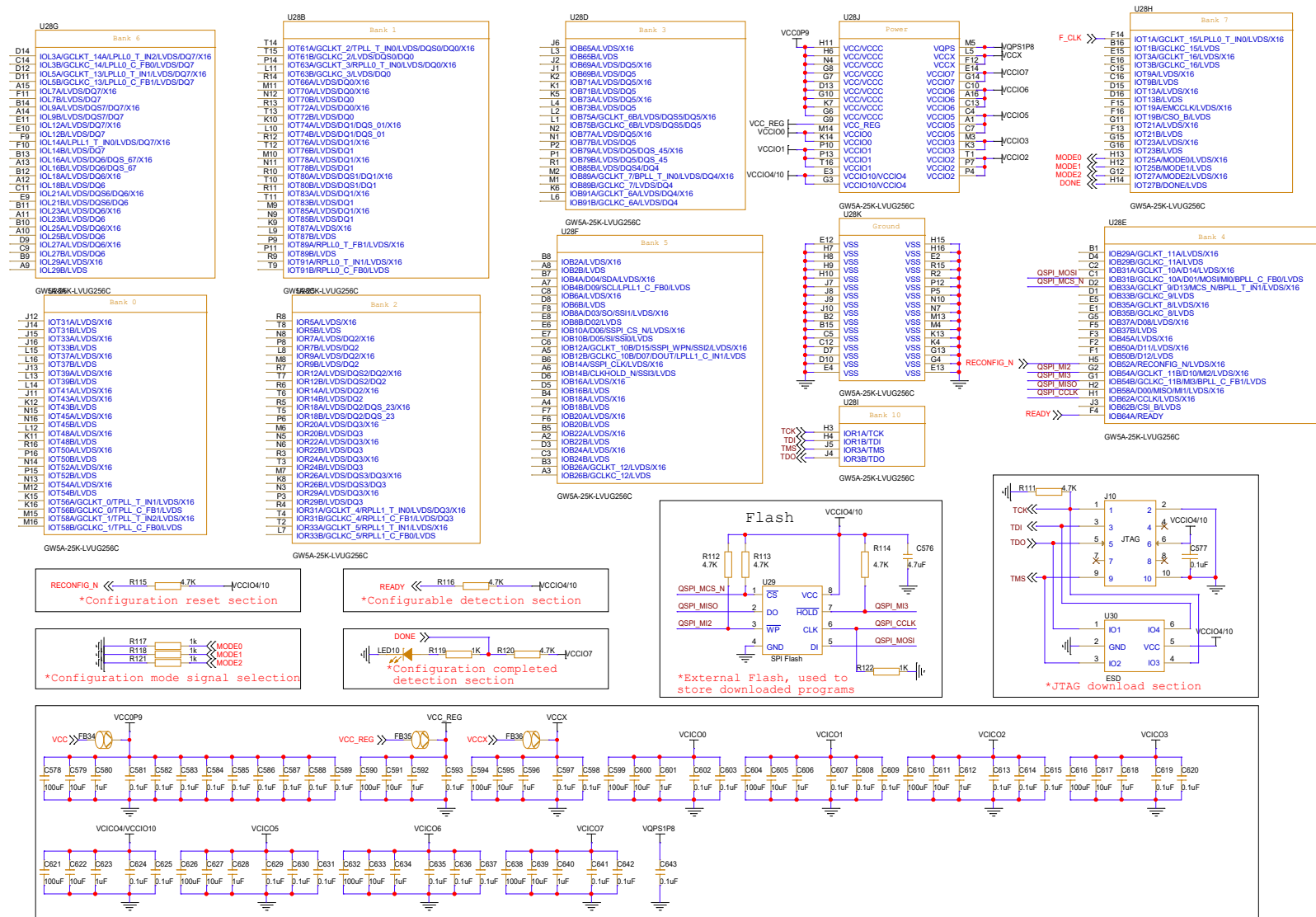
- 1.F CLK signal is an external input clock signal.  
It is recommended that F CLK signal be provided through an active oscillator crystal.
- 2.External Flash memory is used to store downloaded programs.  
For details about SPI Flash model selection, see Chapter 10 SPI Flash Selection in UG290.
- 3.It is recommended that add an ESD protection chip to the JTAG download circuit.
- 4.VCC core voltage requires a large current, so it is recommended to supply power separately.





- 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.External Flash memory is used to store downloaded programs. For details about SPI Flash model selection, see Chapter 10 SPI Flash Selection in UG290.
  - 3.It is recommended that add an ESD protection chip to the JTAG download circuit.
  - 4.VCC core voltage requires a large current, so it is recommended to supply power separately.

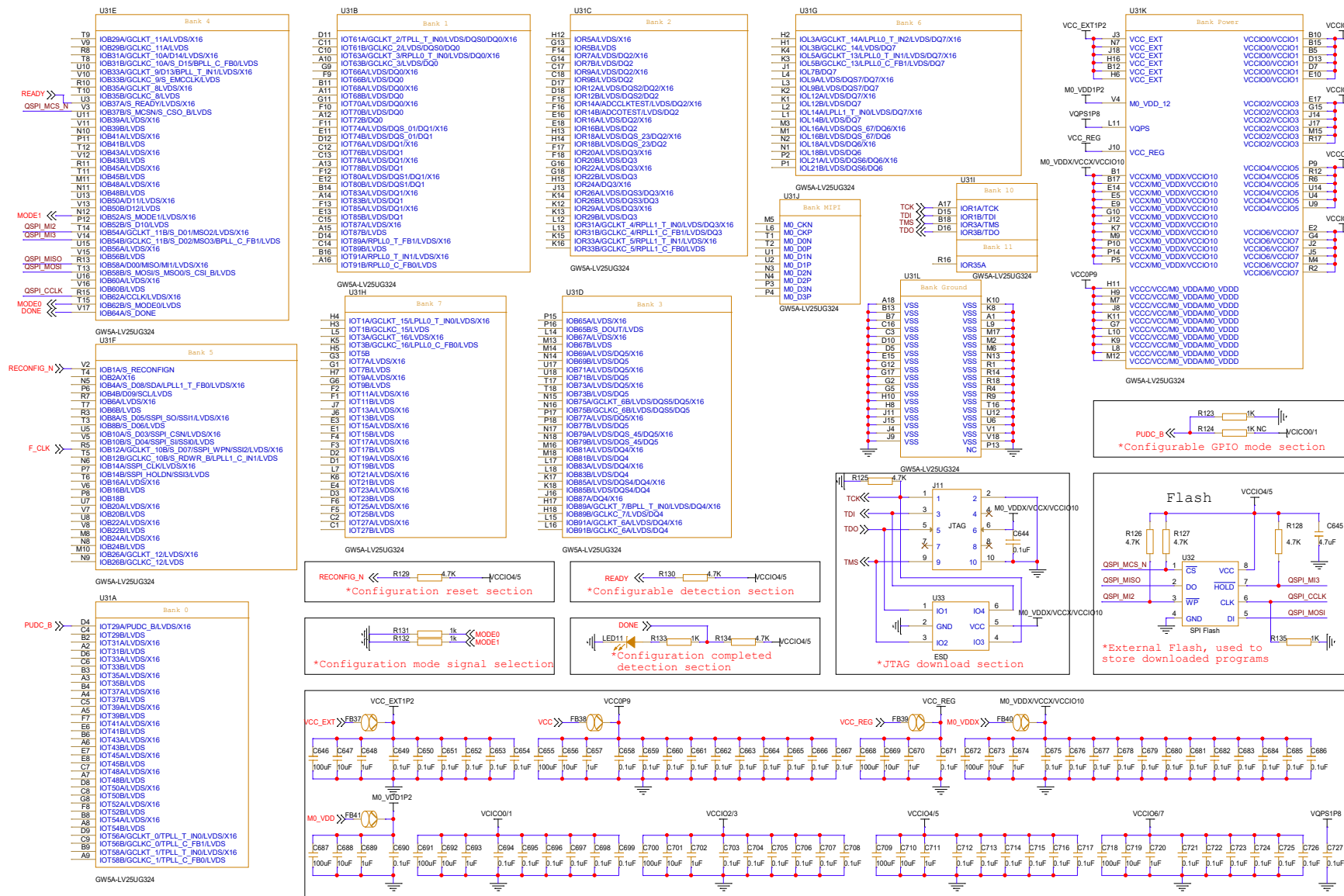
***GW5A-LV25UG256C***



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.External Flash memory is used to store downloaded programs.
  - For details about SPI Flash model selection, see Chapter 10 SPI Flash Selection in UG290.
- 3.It is recommended that add an ESD protection chip to the JTAG download circuit.
- 4.VCC core voltage requires a large current, so it is recommended to supply power separately.

***GW5A-LV25UG324***



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.External Flash memory is used to store downloaded programs.  
For details about SPI Flash model selection, see Chapter 10 SPI Flash Selection in UG290.
- 3.It is recommended that add an ESD protection chip to the JTAG download circuit.
- 4.VCC core voltage requires a large current, so it is recommended to supply power separately.