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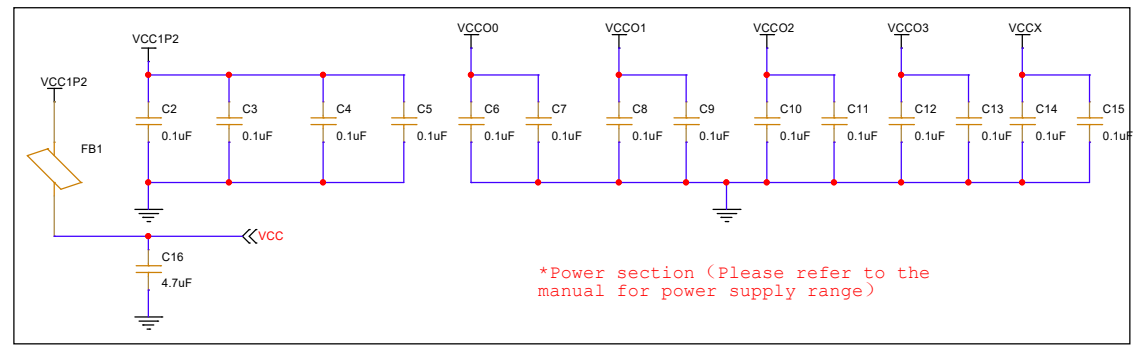
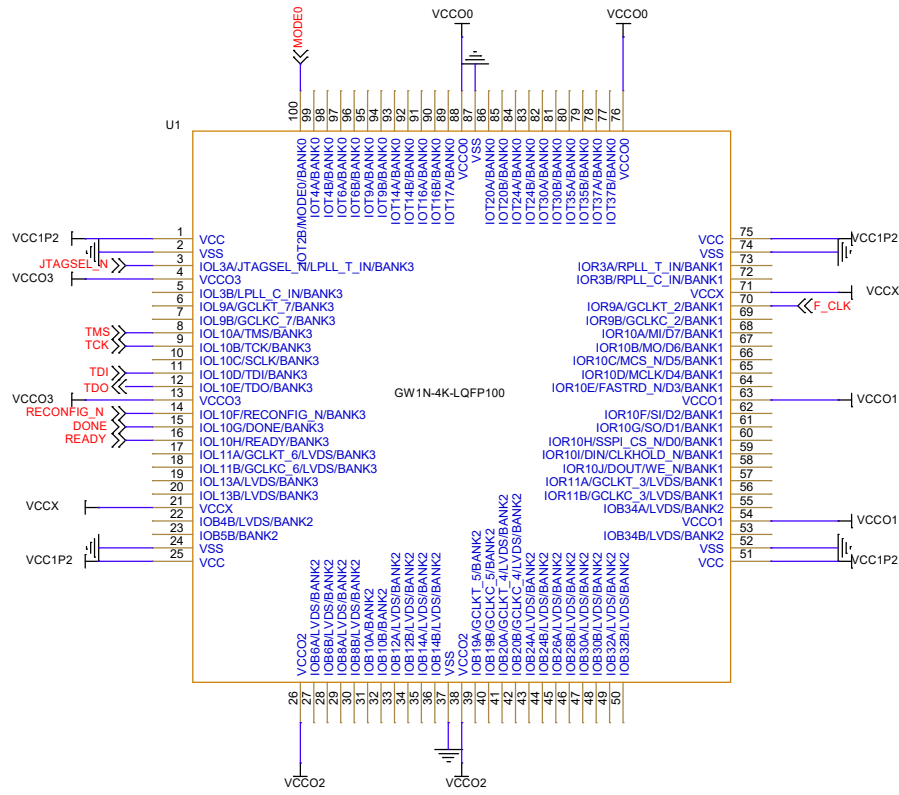
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*Power section (Please refer to the manual for power supply range)



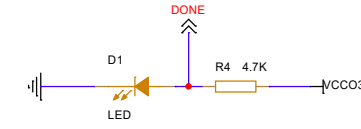
JTAG mode selection signal section



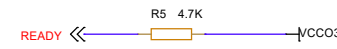
*Configuration mode signal selection section



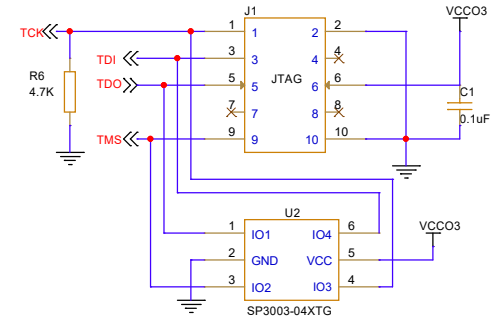
*Configuration reset section (low level)



*Configuration completed detection section



*Configurable detection section



*JTAG download section

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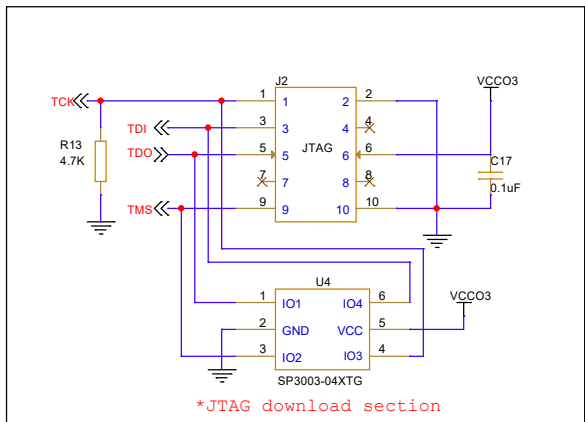
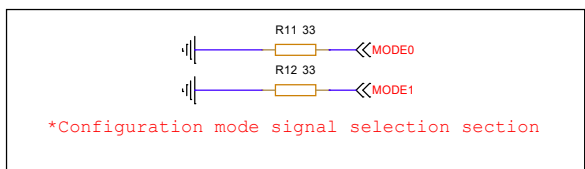
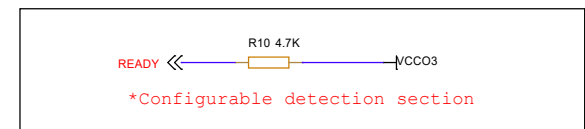
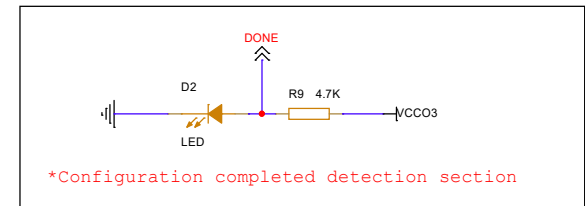
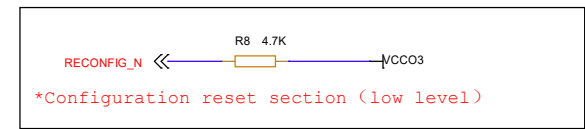
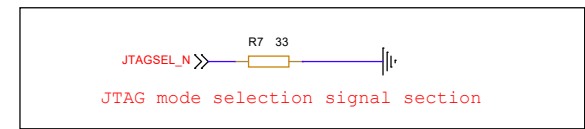
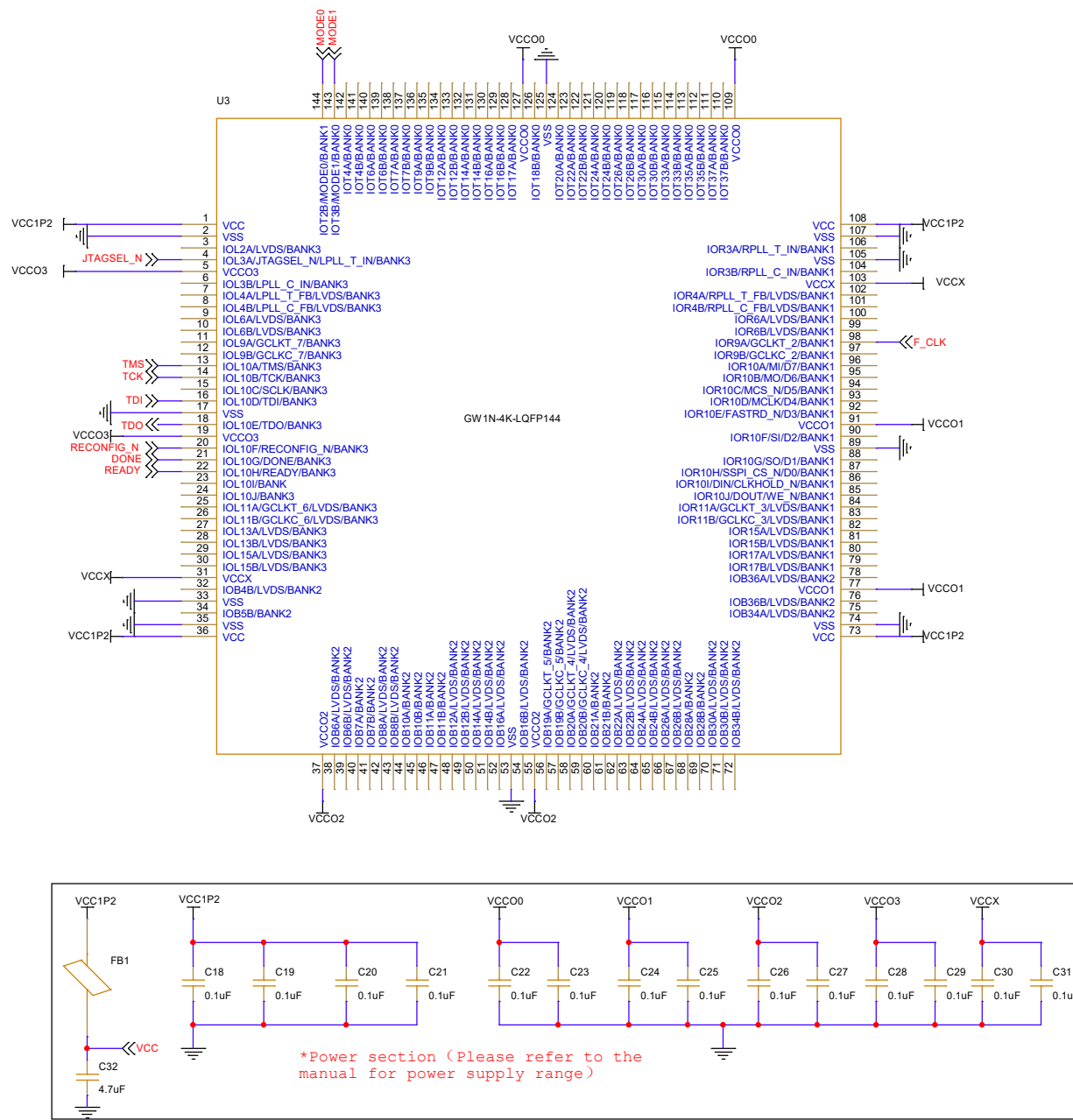
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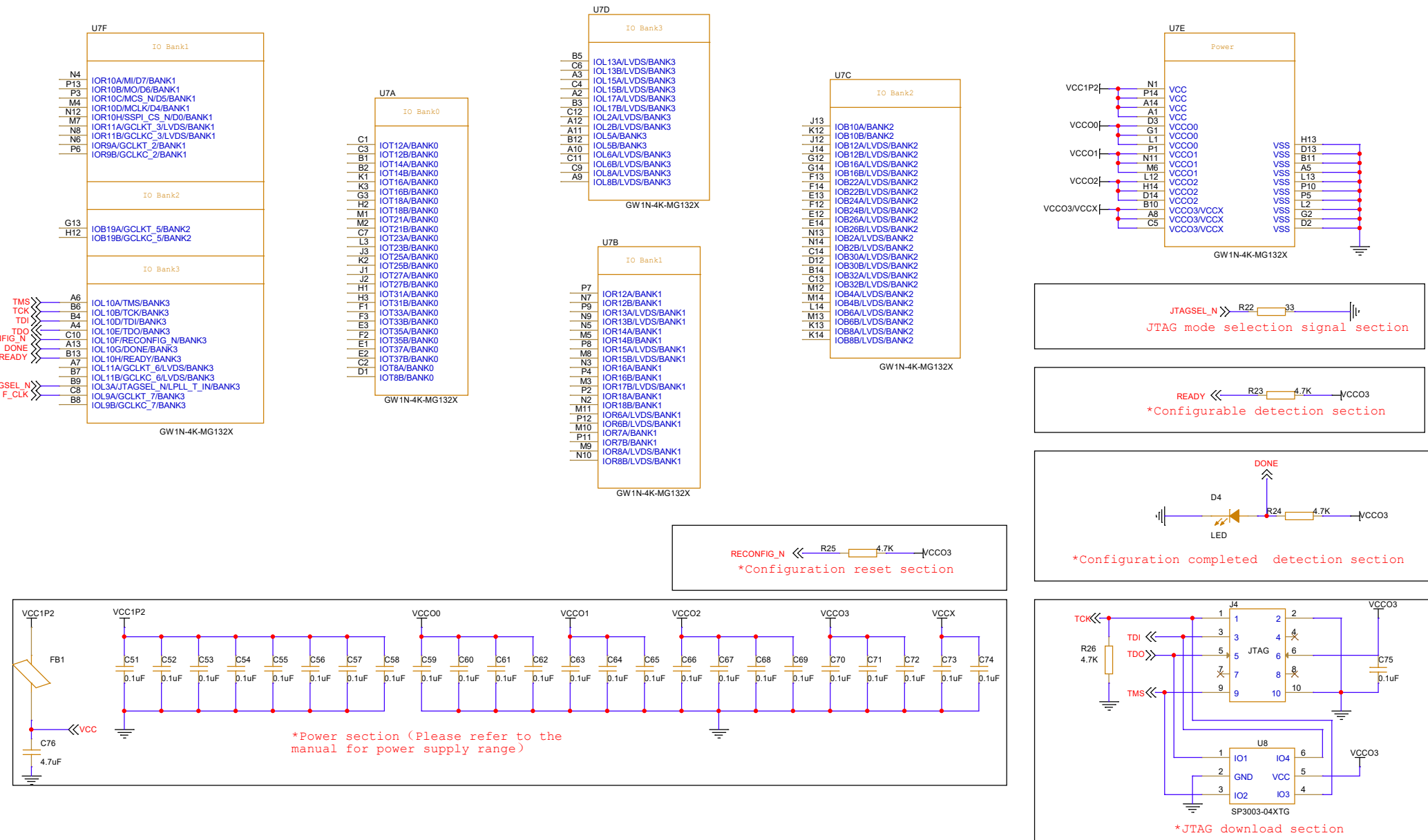
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GOWIN Minimum System Diagram			
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A3	GW1N-LV4-LQ144	V1.2	
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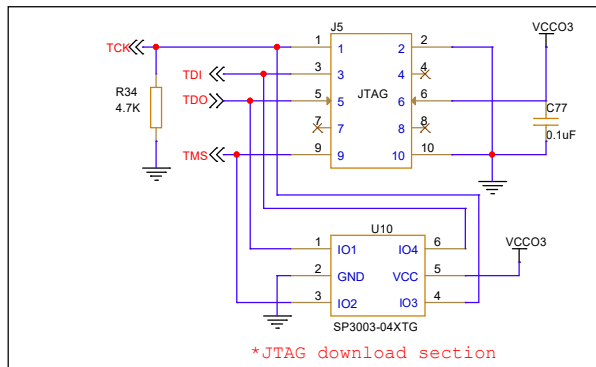
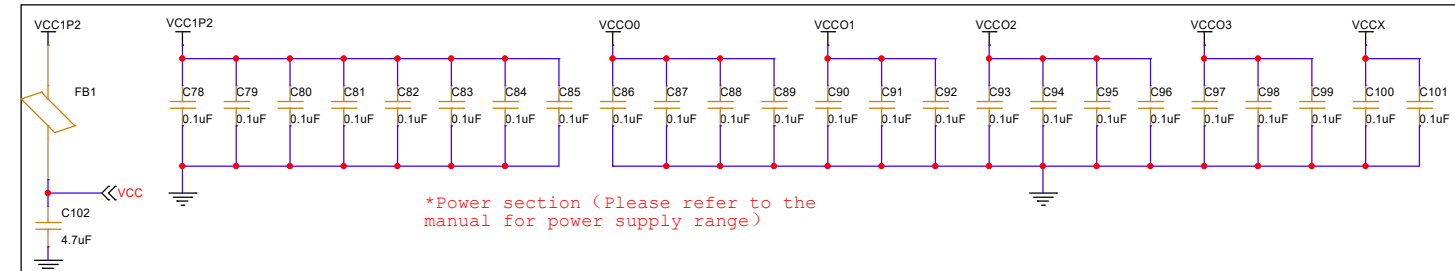
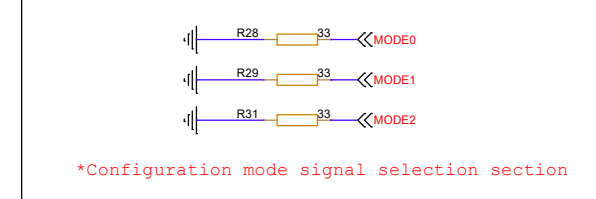
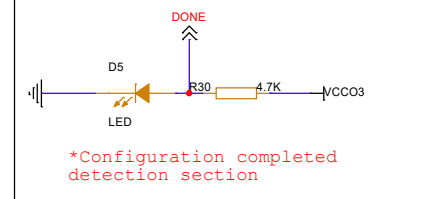
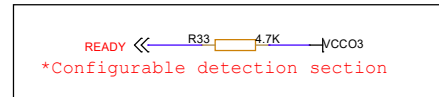
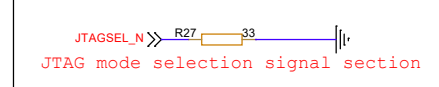
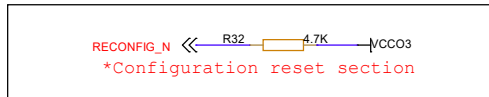
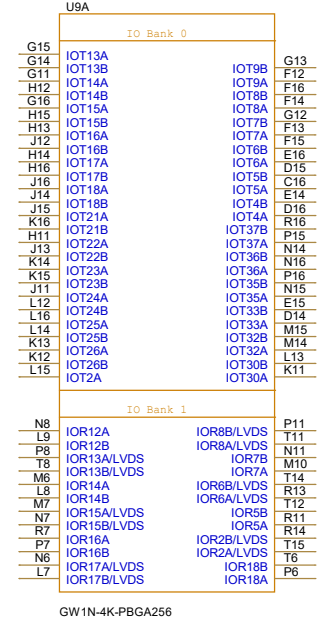
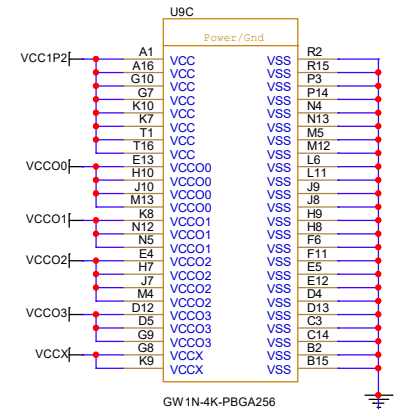
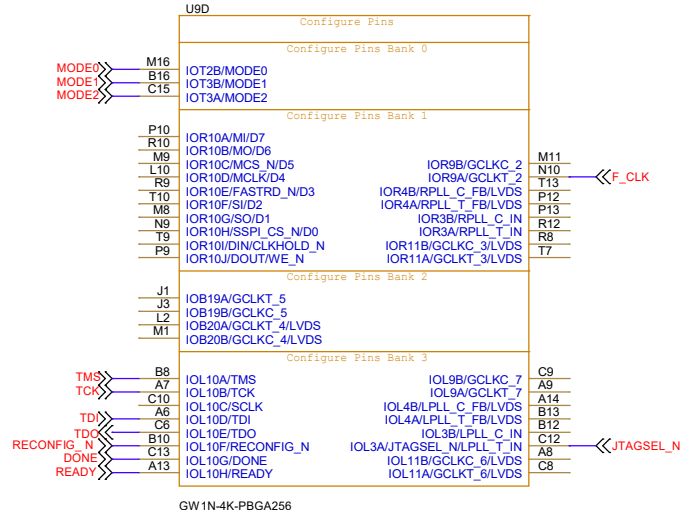
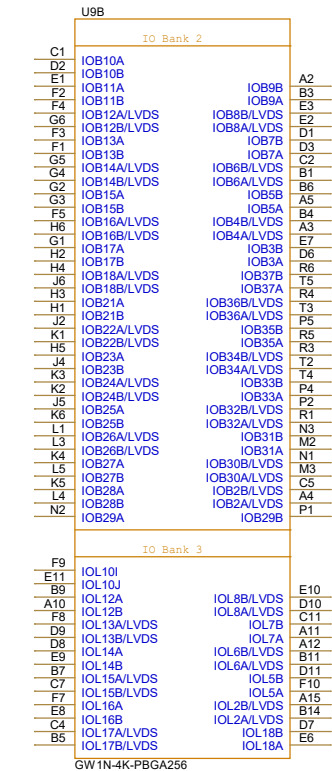
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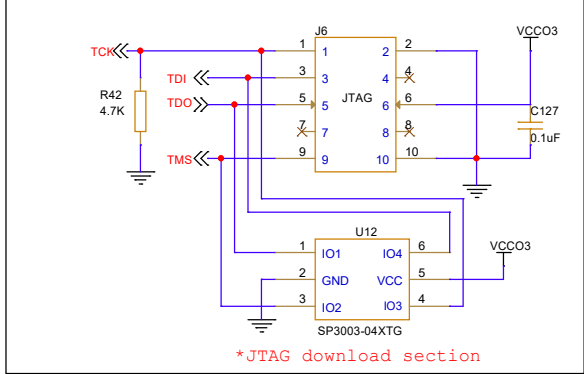
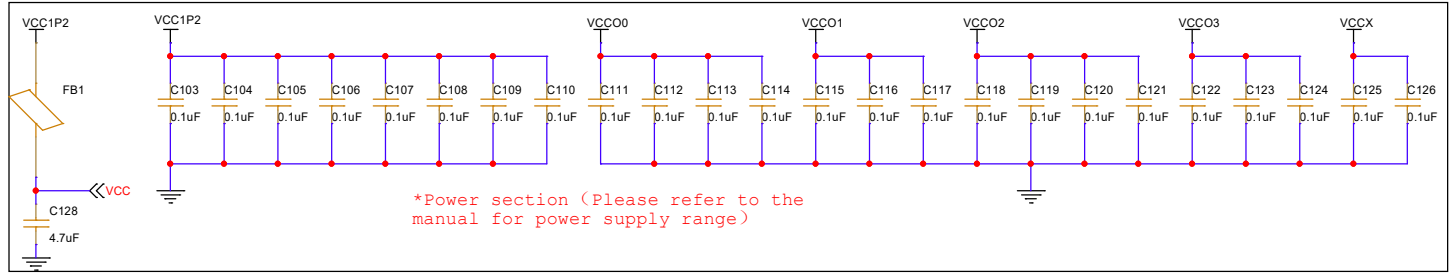
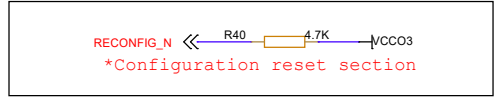
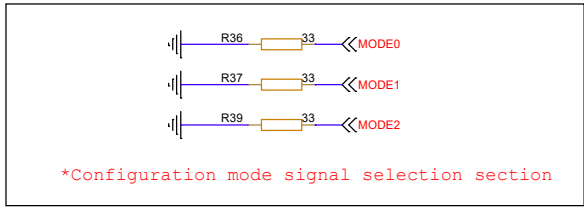
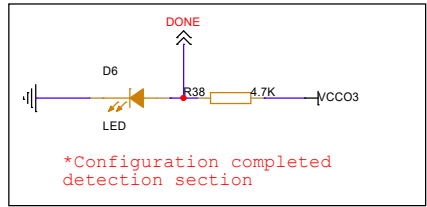
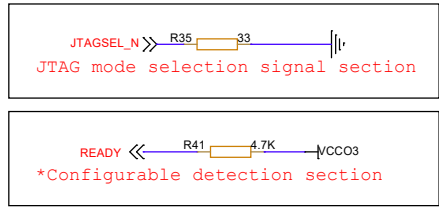
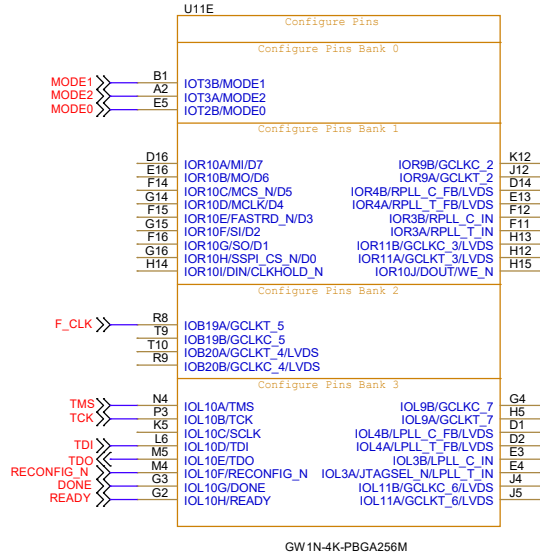
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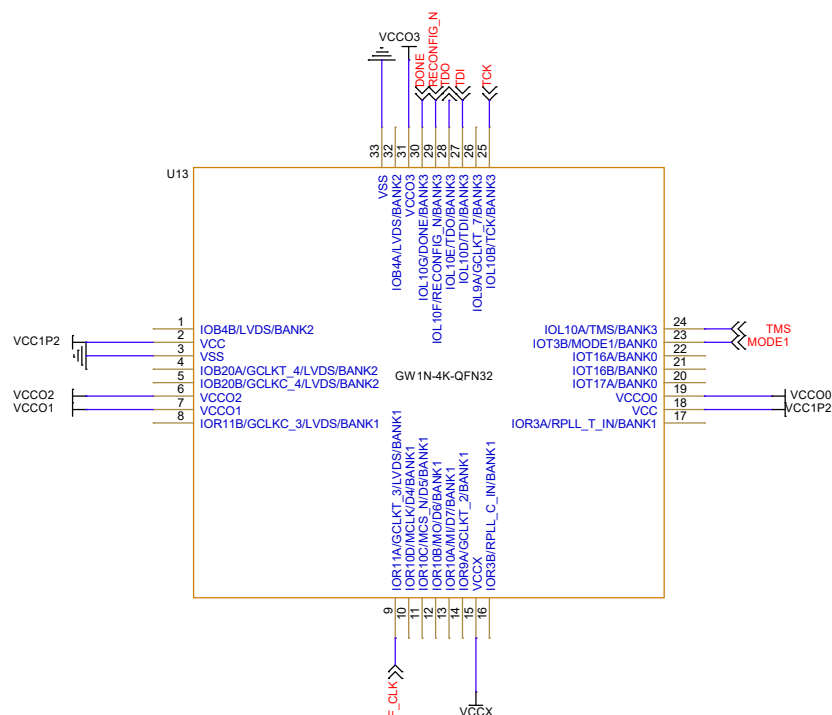
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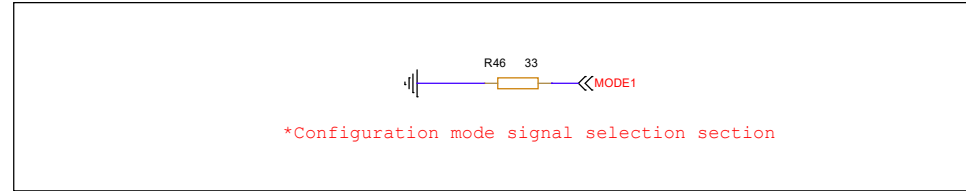
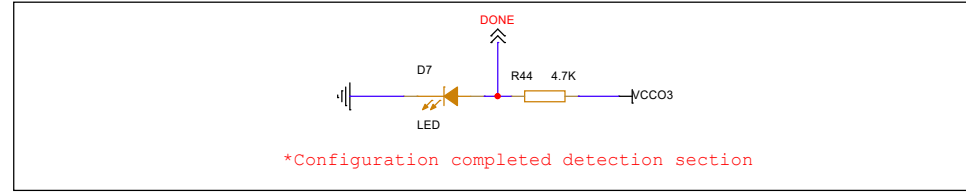
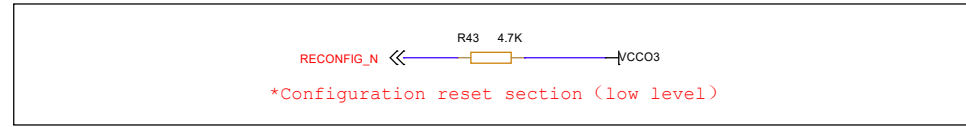
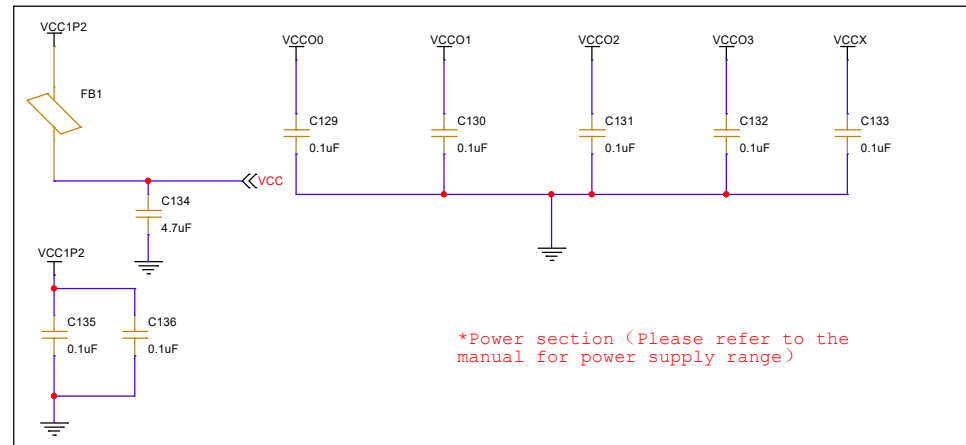
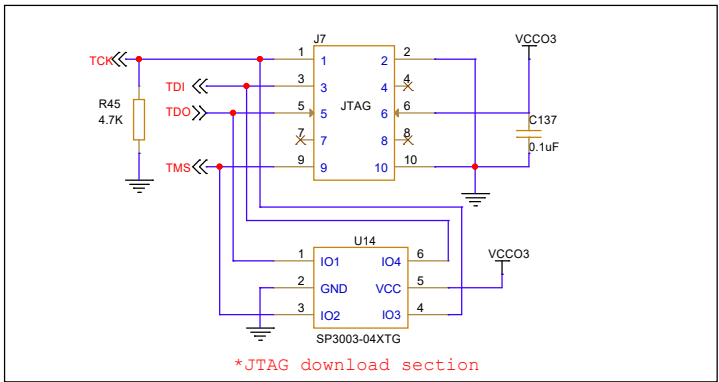
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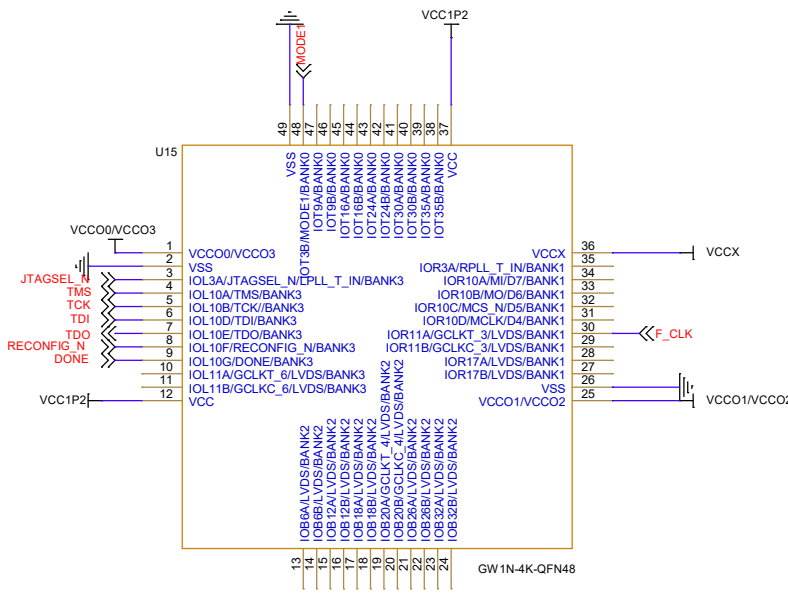
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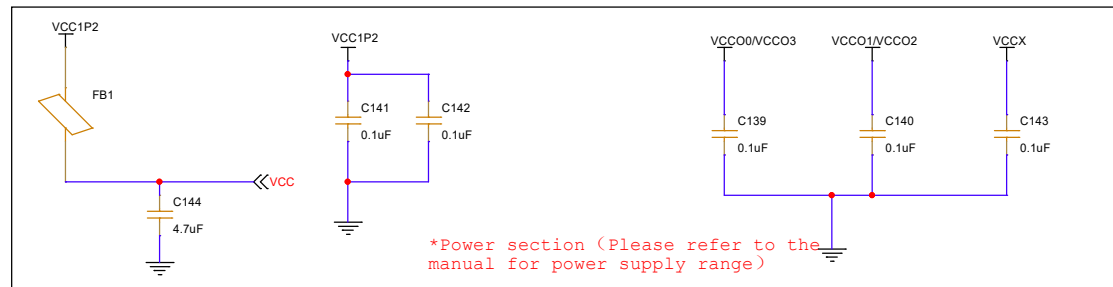


*The unconnected port of the chip is used as a single-ended signal port or multiplexing function
*Configuration: JTAG.AUTO BOOT.MSPI

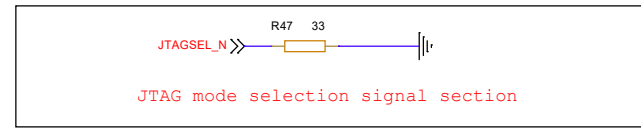




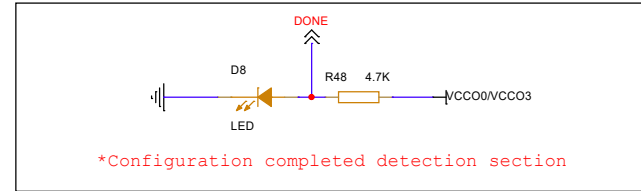
*The unconnected port of the chip is used as a single-ended signal port or multiplexing function
*Configuration: JTAG.AUTO BOOT.MSPI



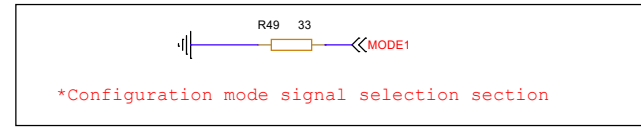
*Power section (Please refer to the manual for power supply range)



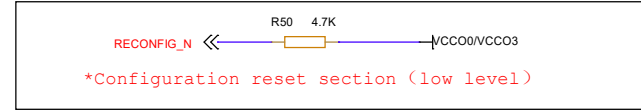
JTAG mode selection signal section



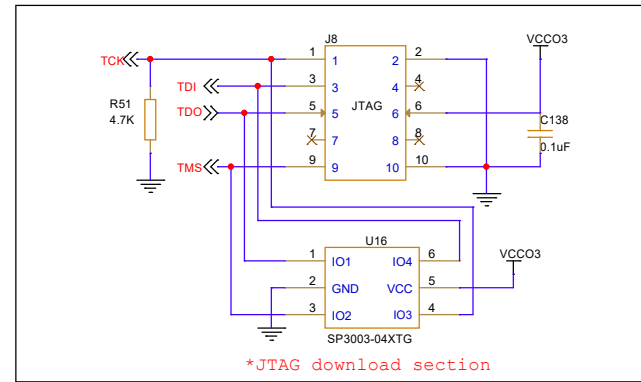
*Configuration completed detection section



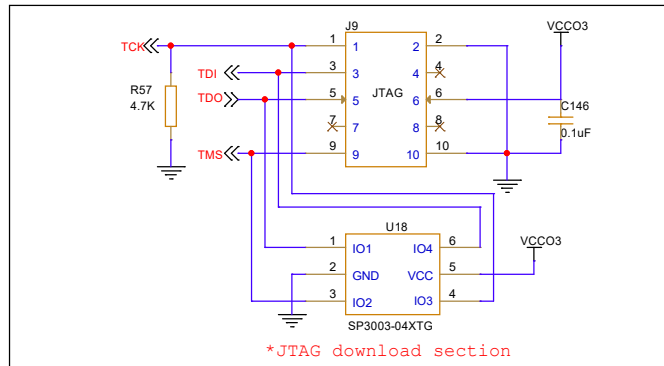
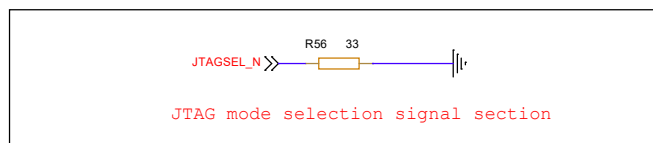
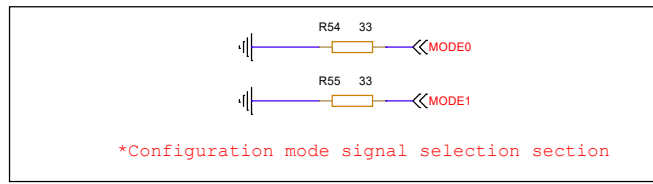
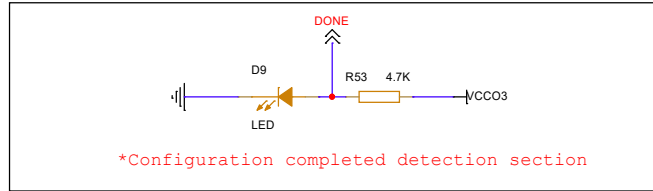
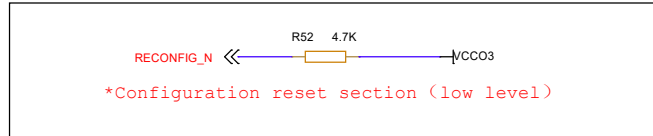
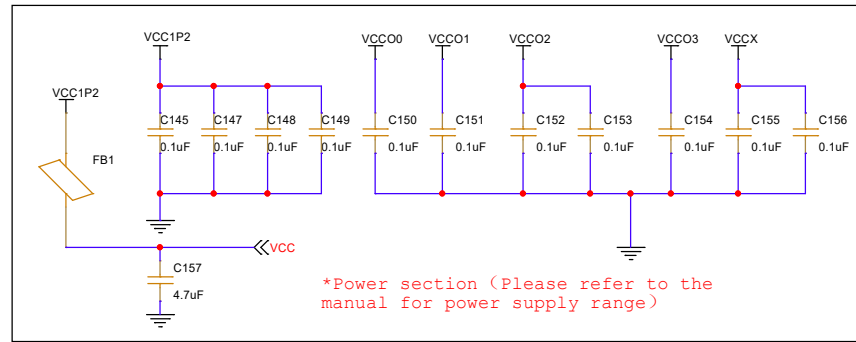
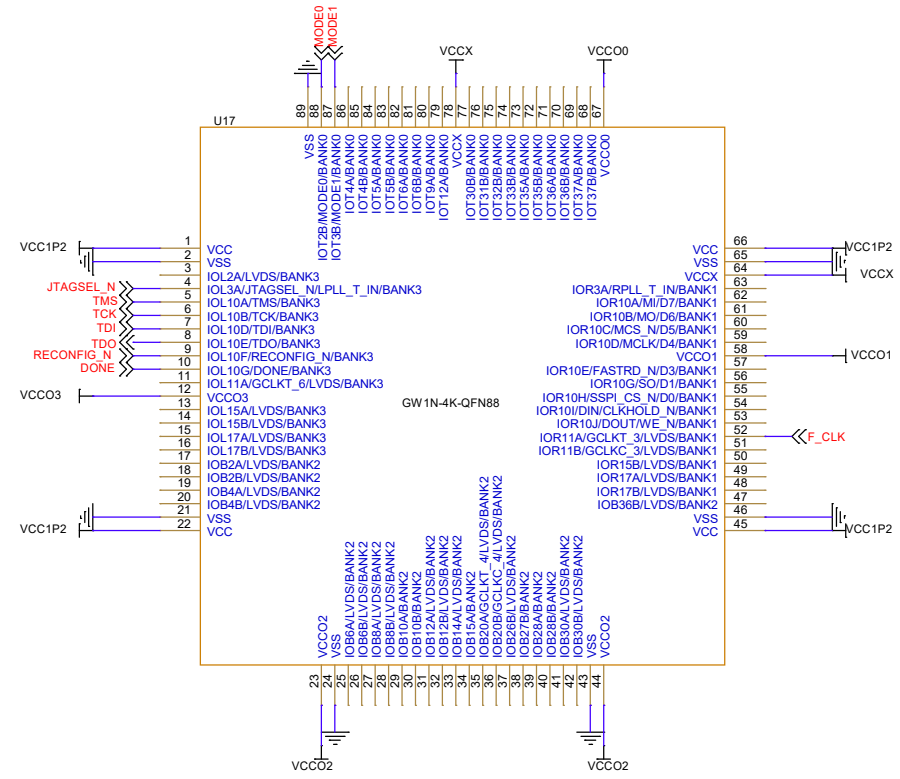
*Configuration mode signal selection section

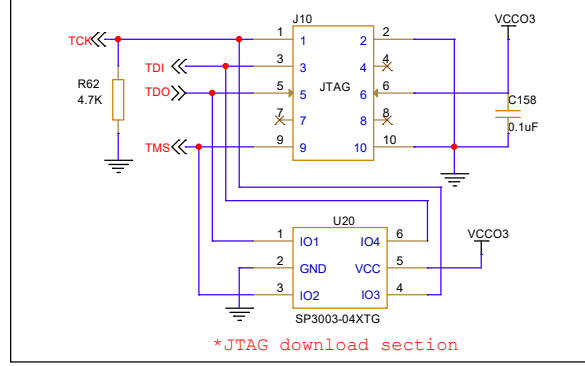
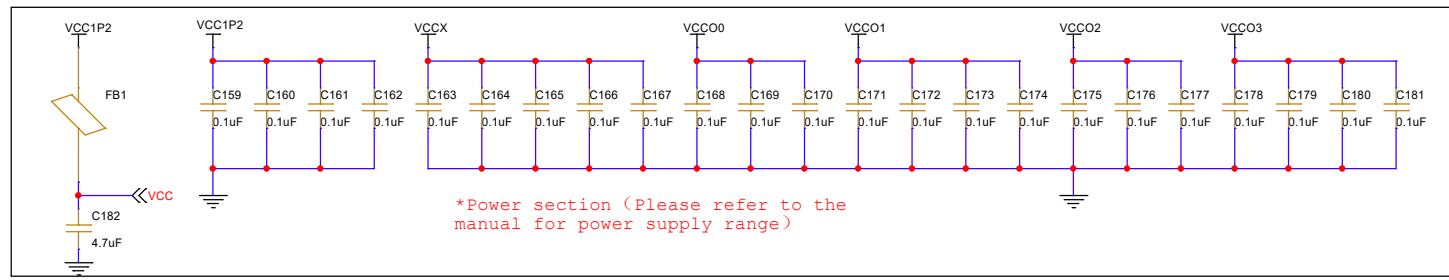
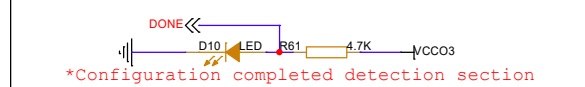
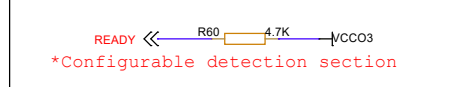
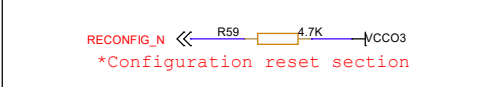
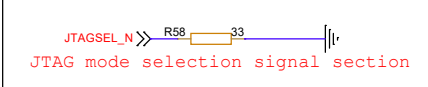
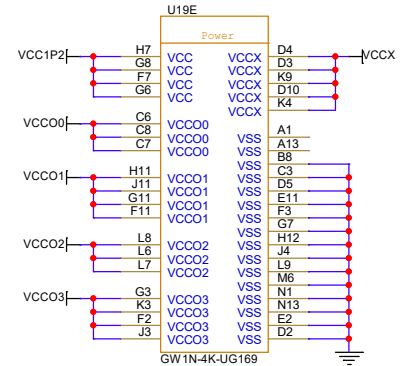
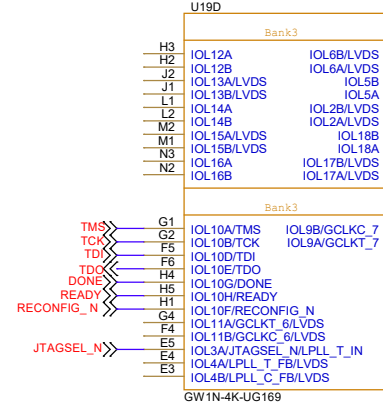
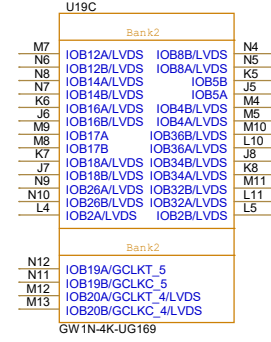
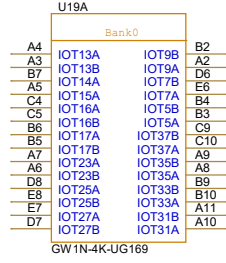
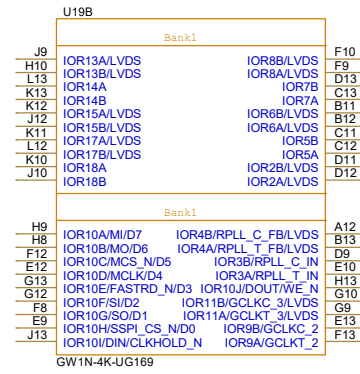


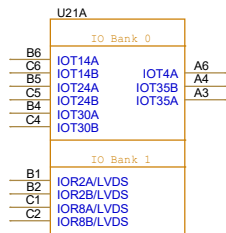
*Configuration reset section (low level)



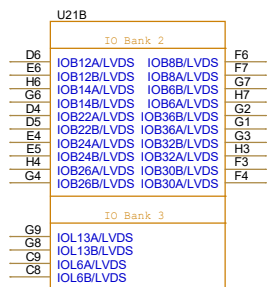
*JTAG download section



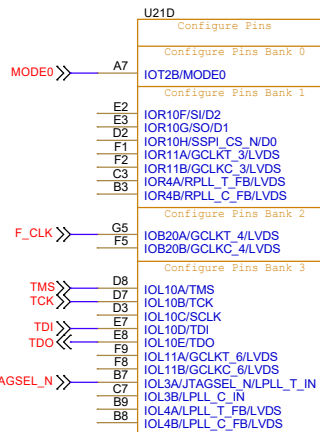




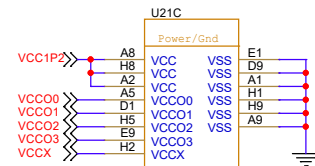
GW1N-4K-WLCSP72



GW1N-4K-WLCSP72



GW1N-4K-WLCSP72



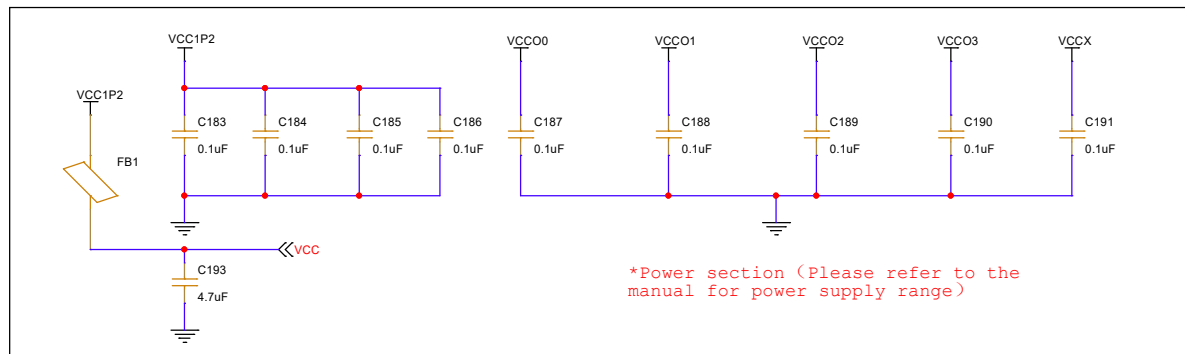
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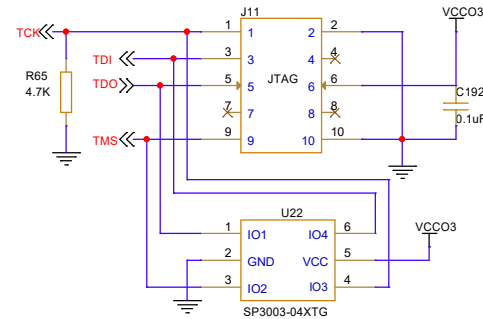
*Configuration mode signal selection section



JTAG mode selection signal section



*Power section (Please refer to the manual for power supply range)



*JTAG download section