

# M.2 Serial Memory QSPI

MB1928 33LB

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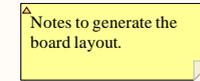
- Sheet 1: Project overview (this page)
- Sheet 2: Top
- Sheet 3: Peripherals
- Sheet 4: M.2 Memory QuadSPI

## Legend

General comment such as function title, configuration, ...

Text to be added to silkscreen.

Warning text.



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HW1

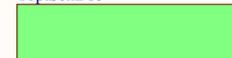
PCB

MB1928

HW2

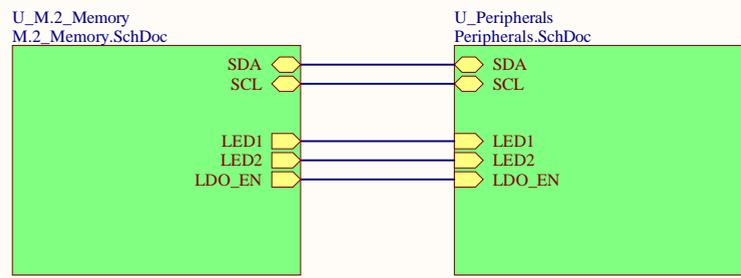
STICKER PRODUCT

U\_Top  
Top.SchDoc

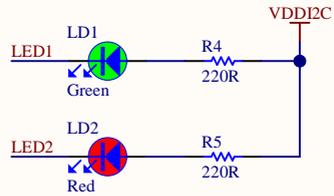
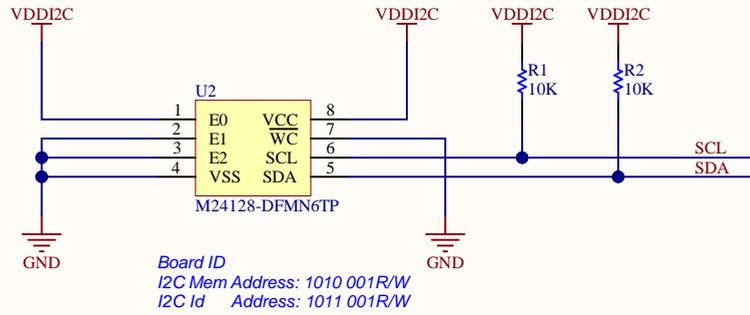


Title: <b>Project overview</b>		
Project: <b>M.2 Serial Memory QSPI</b>		
Variant: 33LB		
Revision: C-01		Reference: MB1928
Size: A4	Date: 22-MAY-25	Sheet: 1 of 4

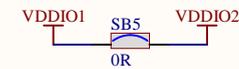
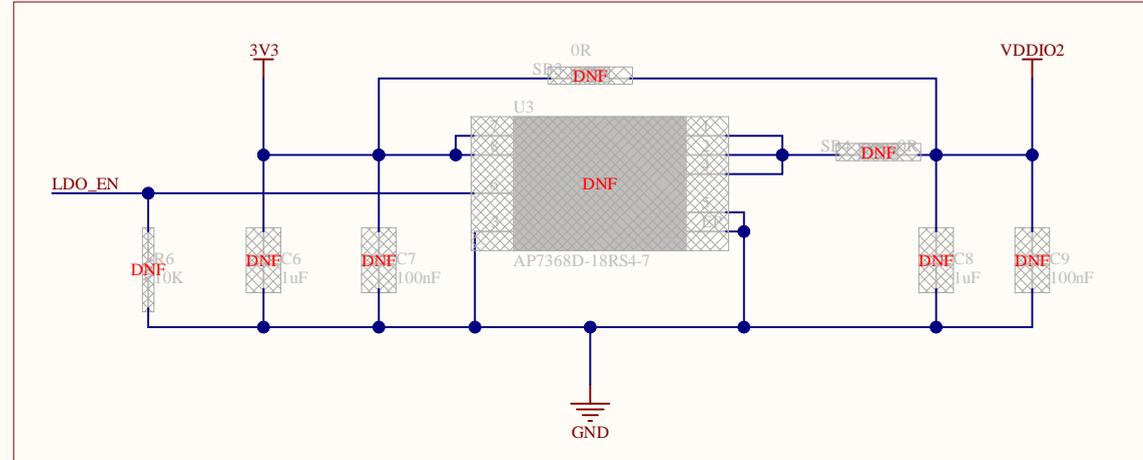
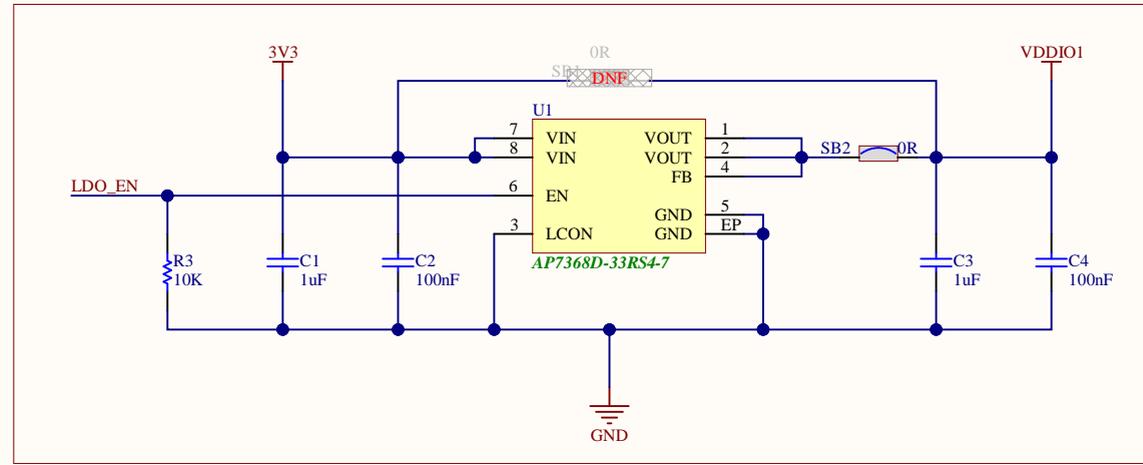
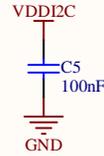




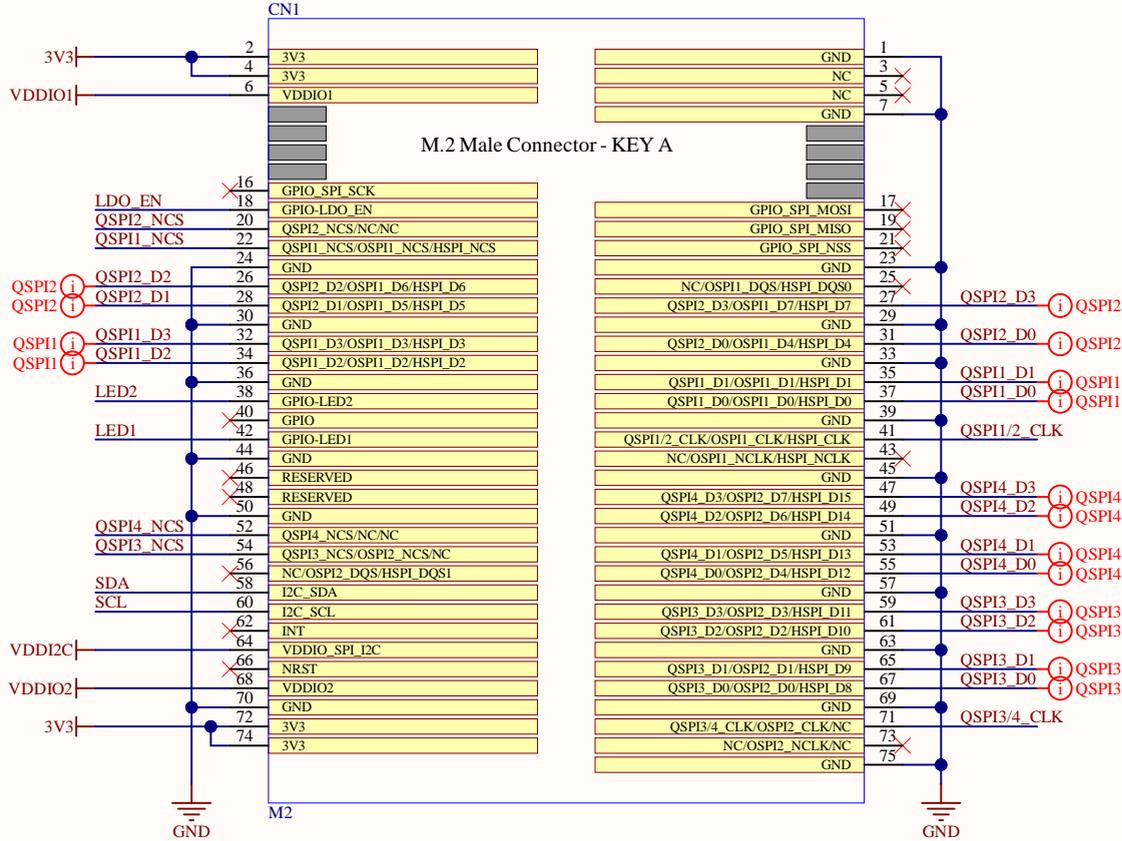
### Memory, EEPROM



Decoupling cap U2



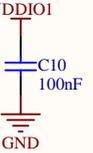
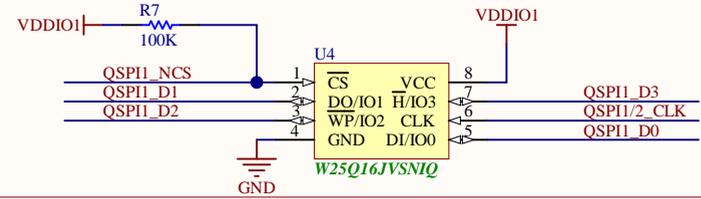
## M.2 Connector



## QUADSPI\_1 FLASH

Operating range: 1.62<VDD<1.98V (1.8V type)  
Operating range: 2.7<VDD<3.6V (3.3V type)

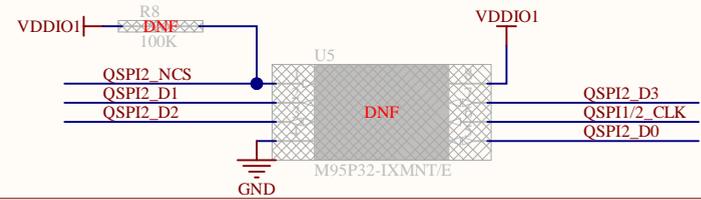
▲ QuadSPI bus should be routed in 50 ohm +/- 15%



## QUADSPI\_2 FLASH

Operating range: 1.62<VDD<1.98V (1.8V type)  
Operating range: 2.7<VDD<3.6V (3.3V type)

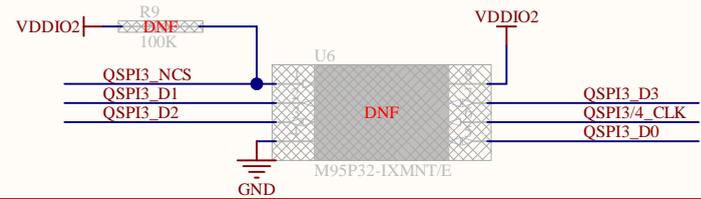
▲ QuadSPI bus should be routed in 50 ohm +/- 15%



## QUADSPI\_3 FLASH

Operating range: 1.62<VDD<1.98V (1.8V type)  
Operating range: 2.7<VDD<3.6V (3.3V type)

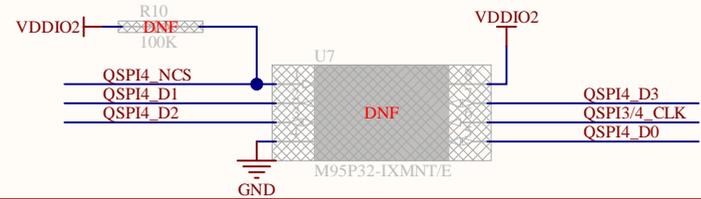
▲ QuadSPI bus should be routed in 50 ohm +/- 15%

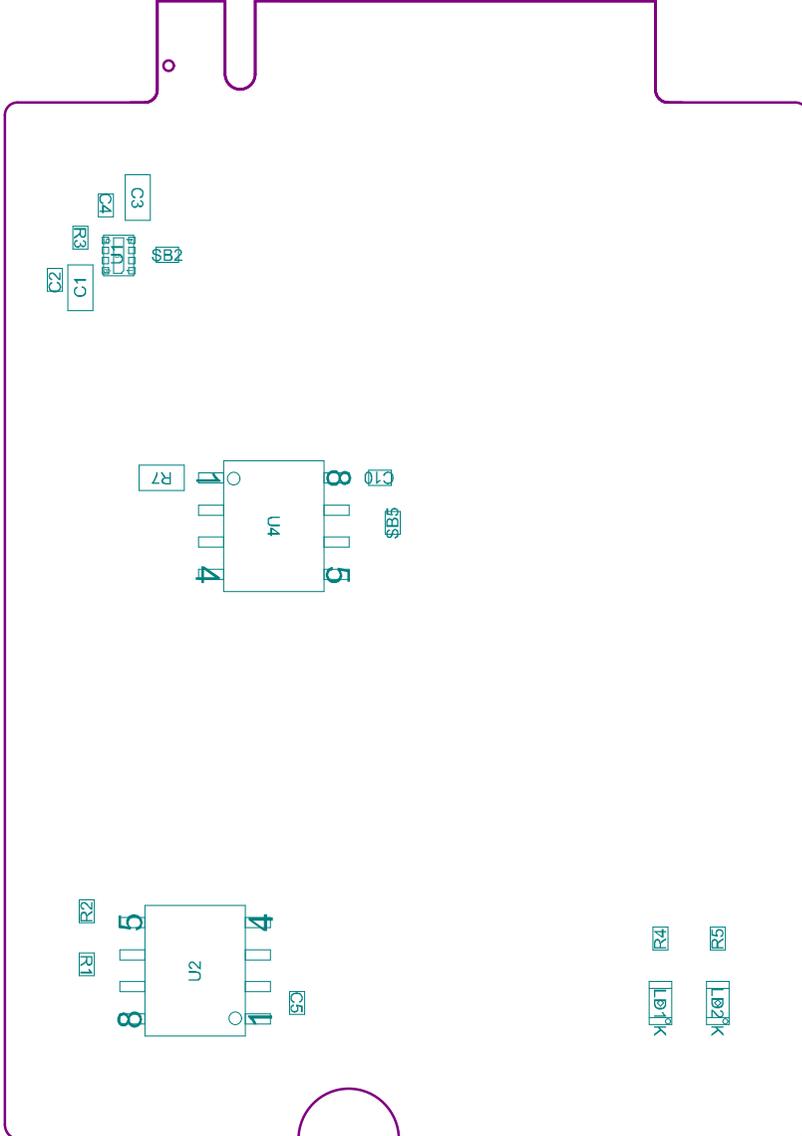


## QUADSPI\_4 FLASH

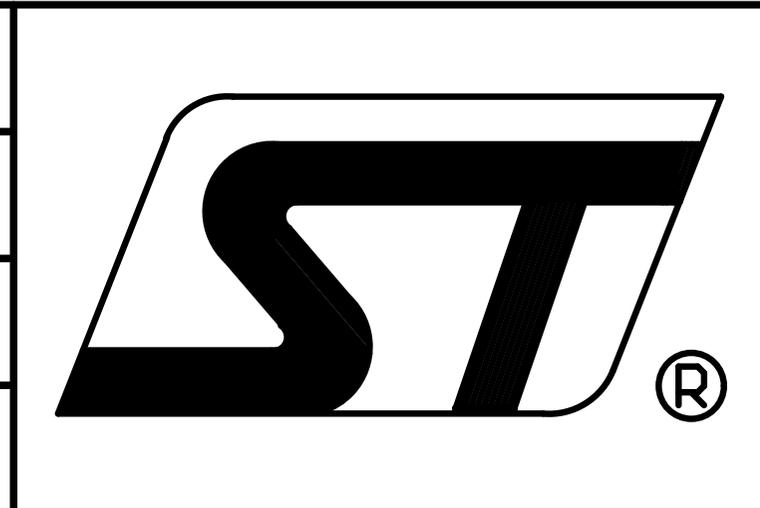
Operating range: 1.62<VDD<1.98V (1.8V type)  
Operating range: 2.7<VDD<3.6V (3.3V type)

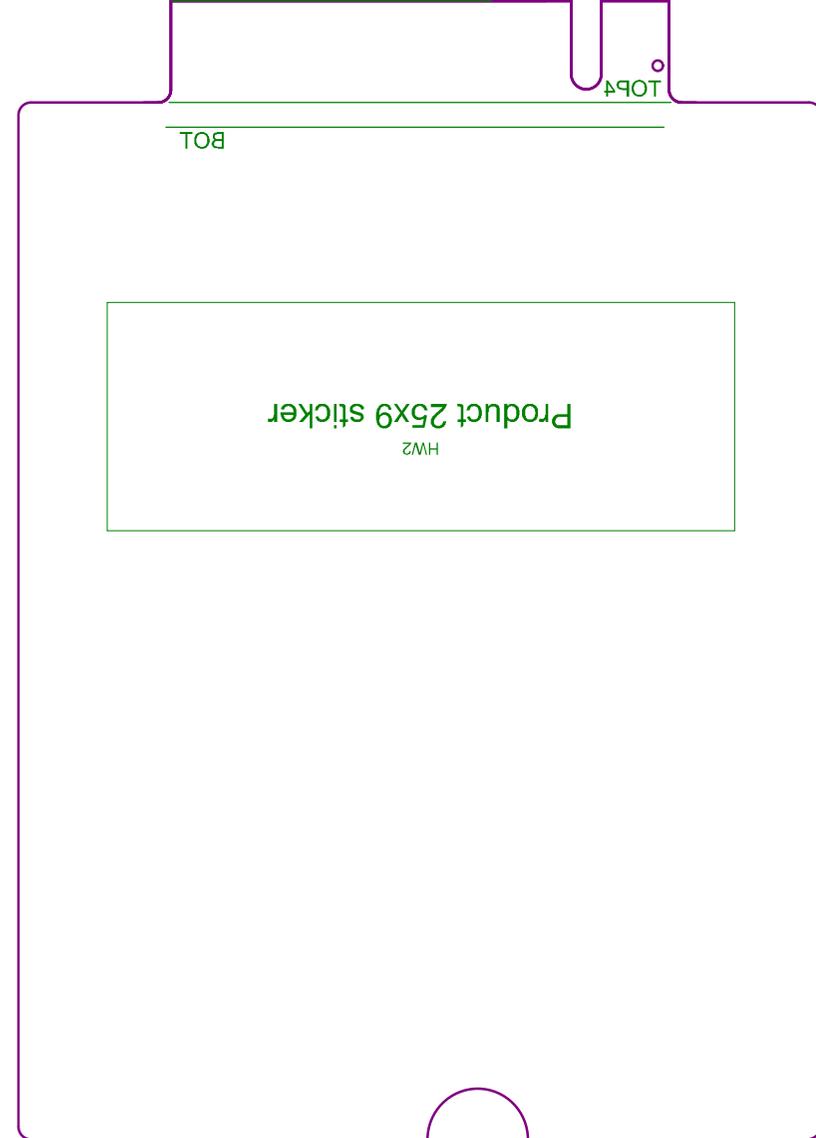
▲ QuadSPI bus should be routed in 50 ohm +/- 15%





Project: M.2 Serial Memory QSPI	
Layer: M14-Top Assembly	Gerber: .GM14
Variant: 33LB	MB1928
Date: 22-MAY-25	Rev: C





Project: M.2 Serial Memory QSPI	
Layer: M15-Bottom Assembly	Gerber: .GM15
Variant: 33LB	MB1928
Date: 22-MAY-25	Rev: C



