

STM32F769I-DISCO

MB1225

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Legend

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

Text to be added to silkscreen.

Warning text.

▲

Notes to generate the board layout.

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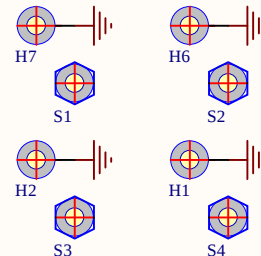
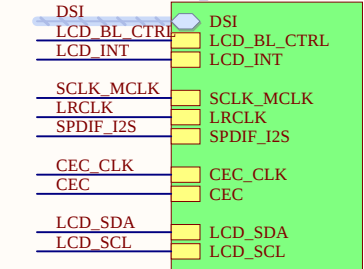
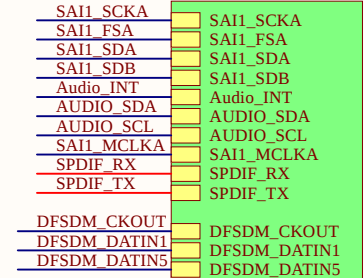
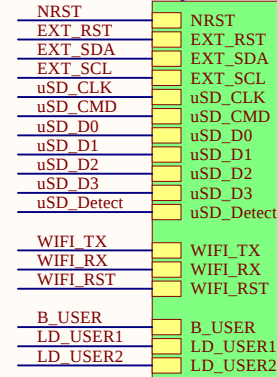
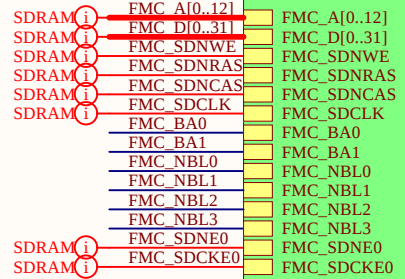
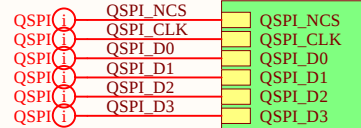
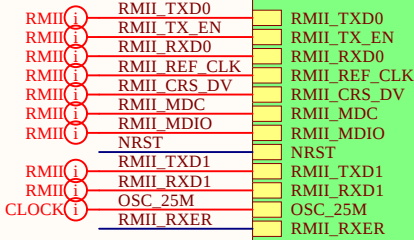
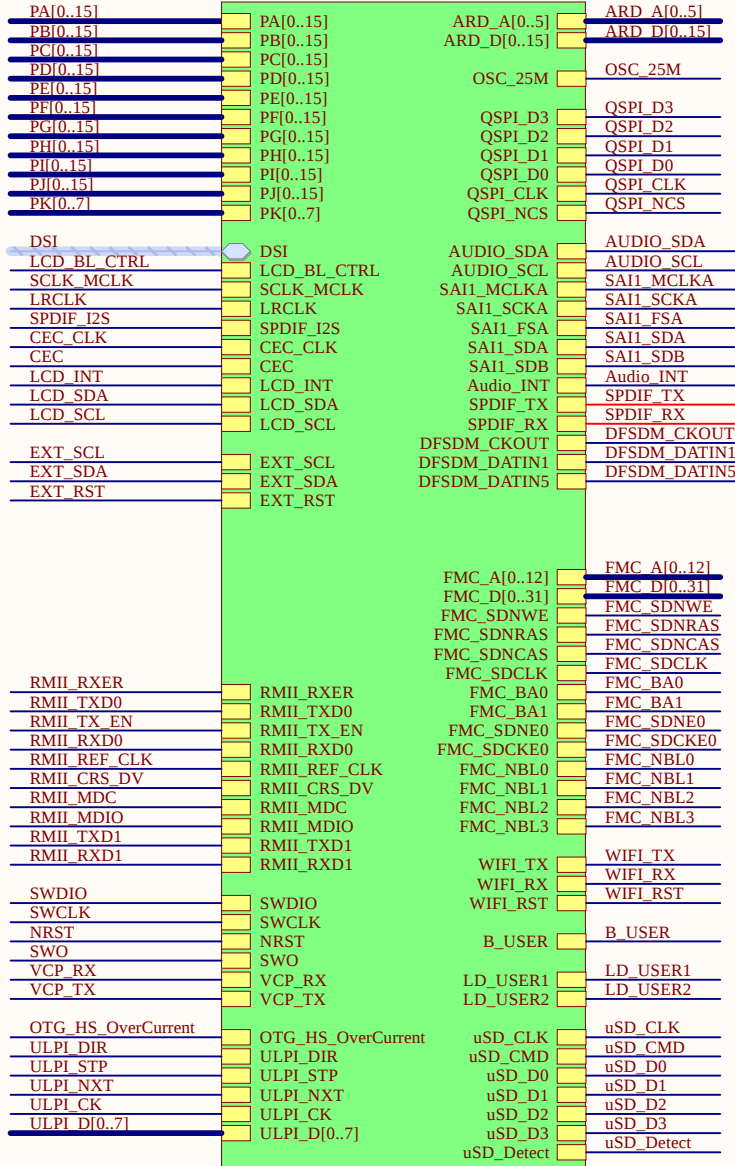
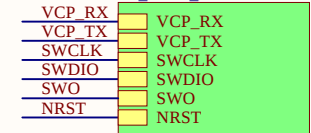
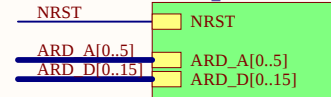
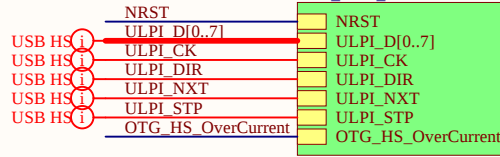
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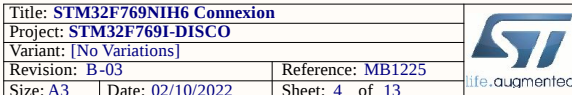
U_Top
Top.SchDoc



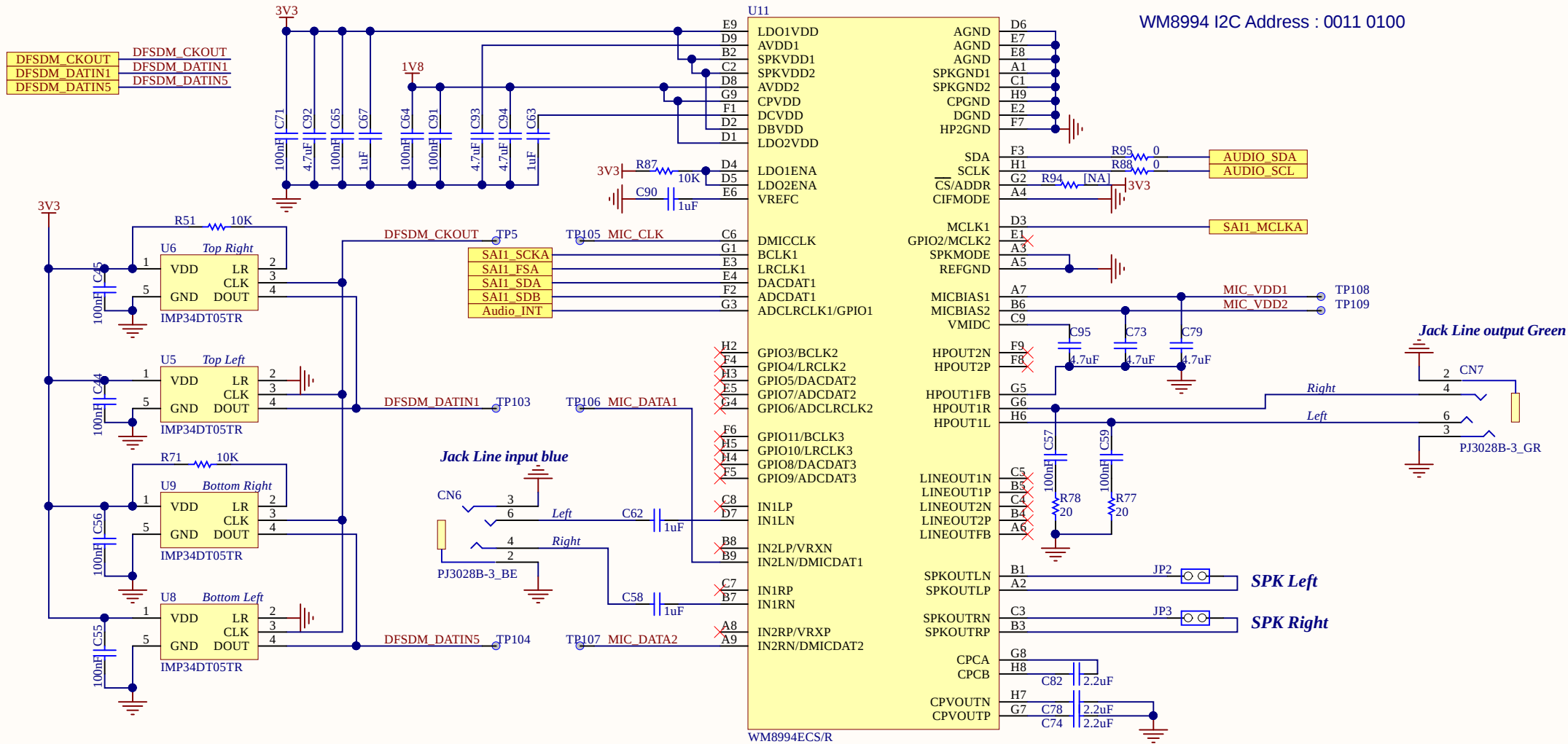
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Project: STM32F769I-DISCO		
Variant: [No Variations]		
Revision: B-03		Reference: MB1225
Size: A4	Date: 02/10/2022	Sheet: 1 of 13



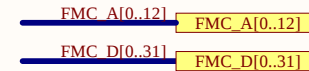
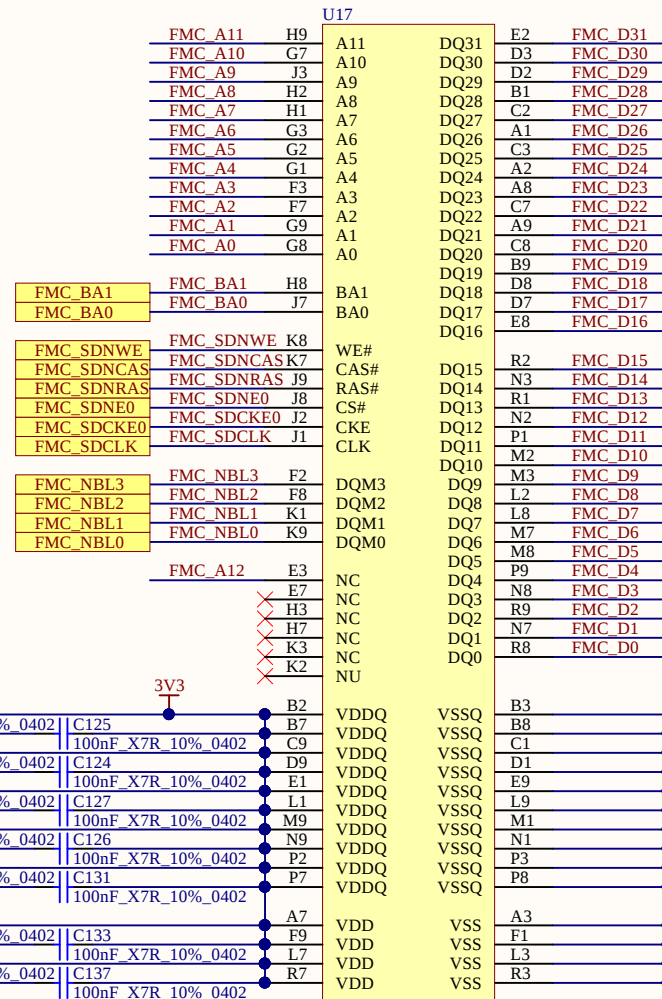
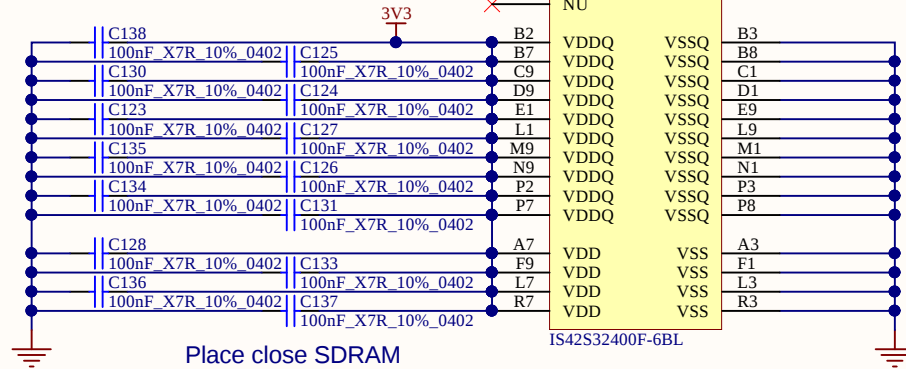




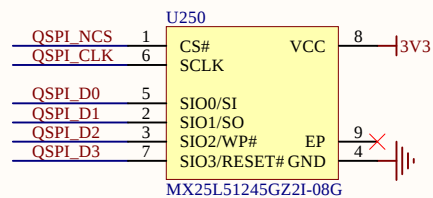
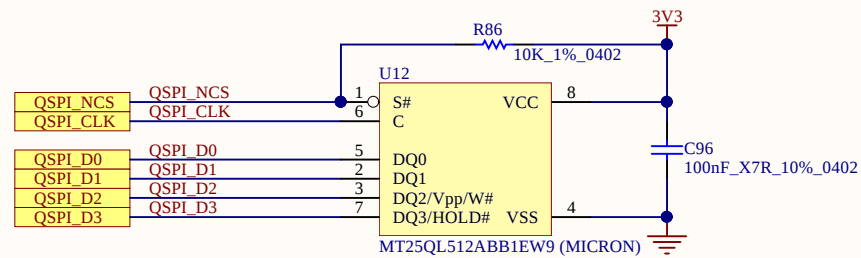
DFSDM_CKOUT
DFSDM_DATIN1
DFSDM_DATIN5

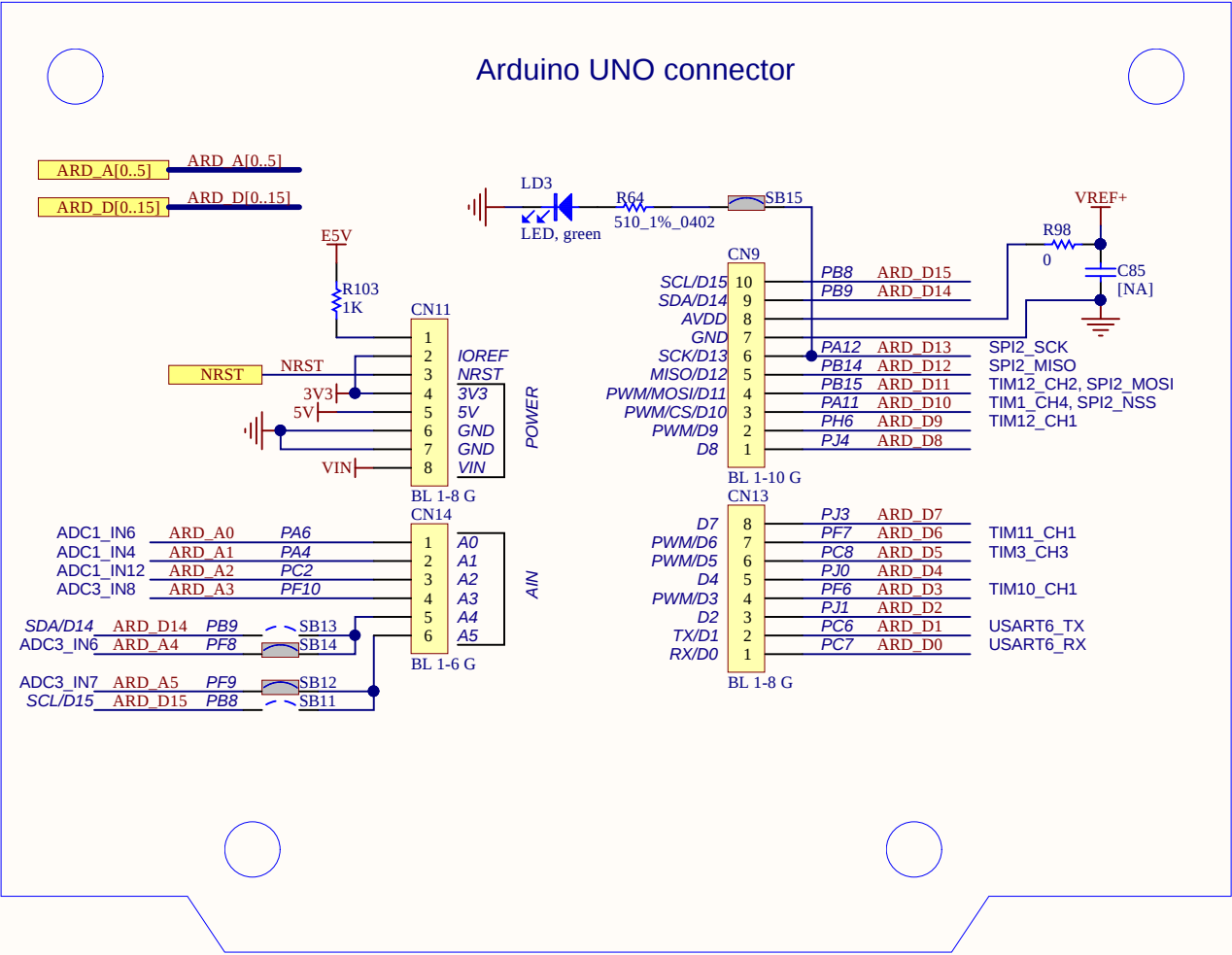


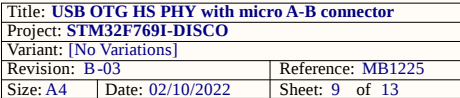
do not modify the way of the wire



Quad SPI Flash Memory



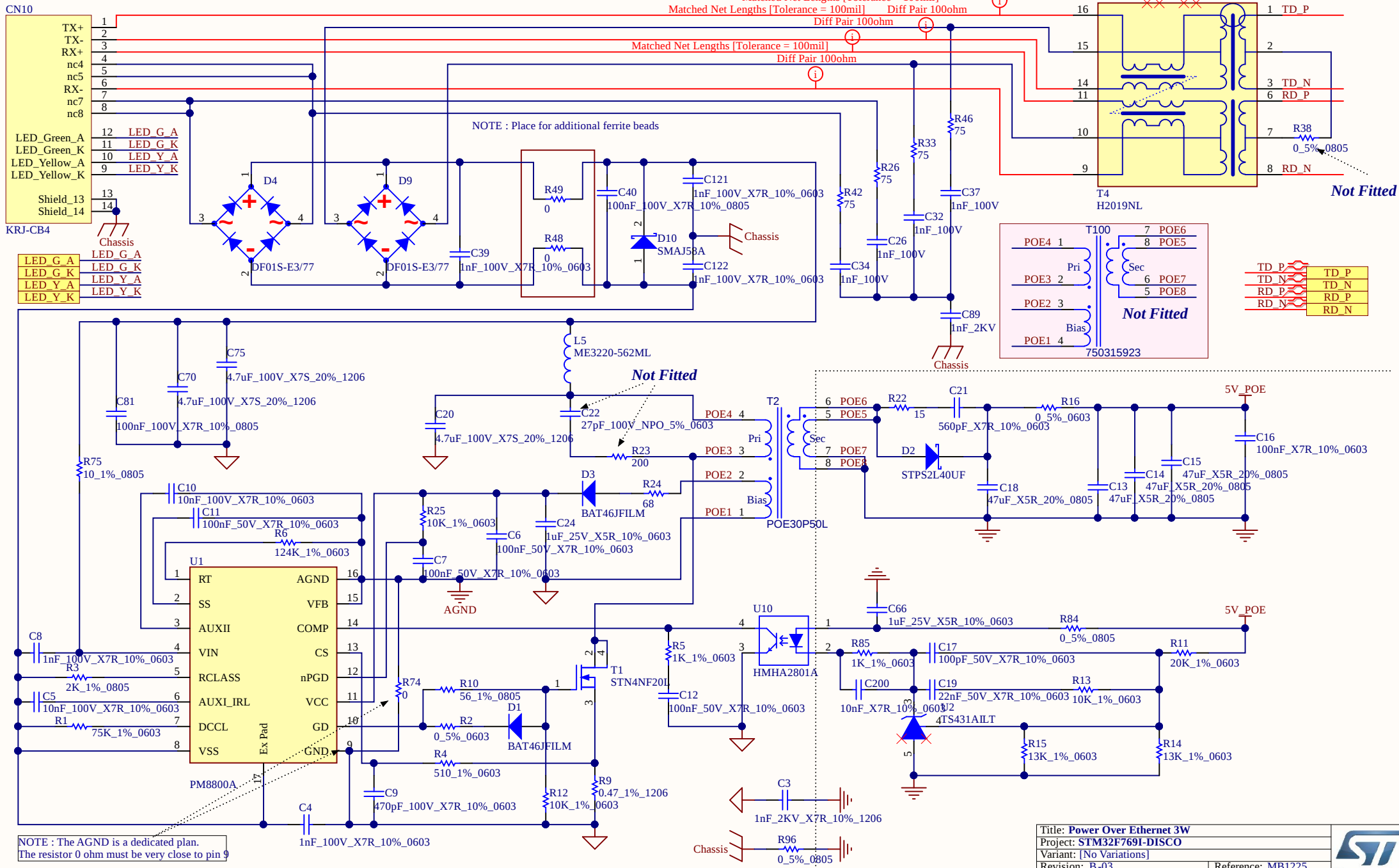




Power Over Ethernet

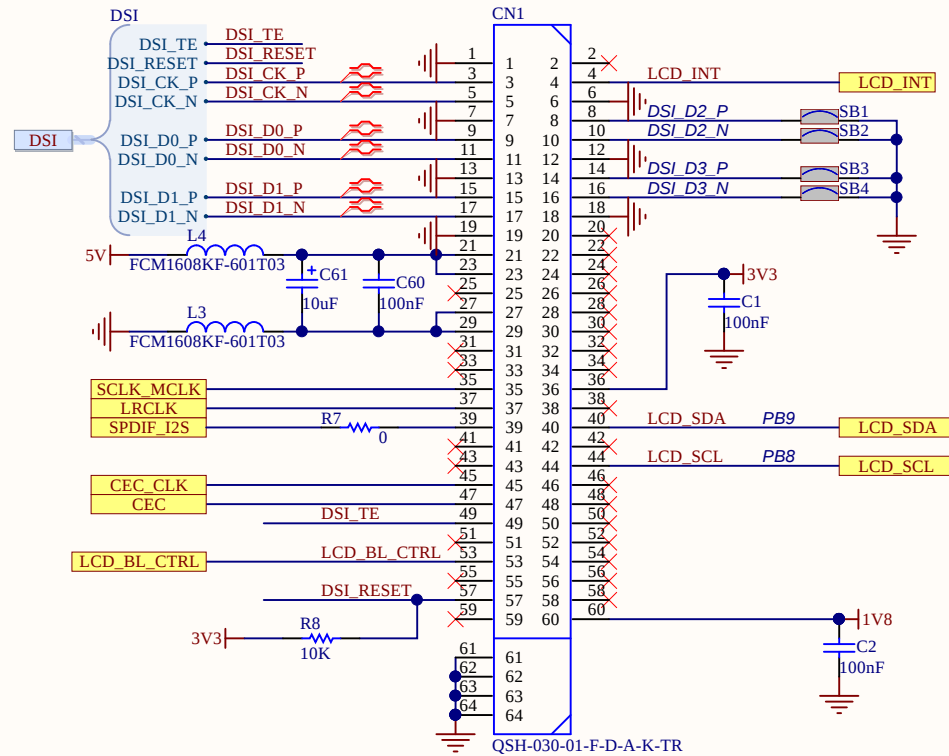
Matched Net Lengths [Tolerance = 100mil]
Diff Pair 100ohm

INPUT

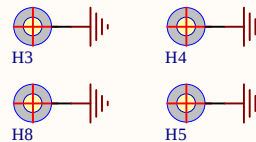


NOTE : The AGND is a dedicated plan.
The resistor 0 ohm must be very close to pin 9

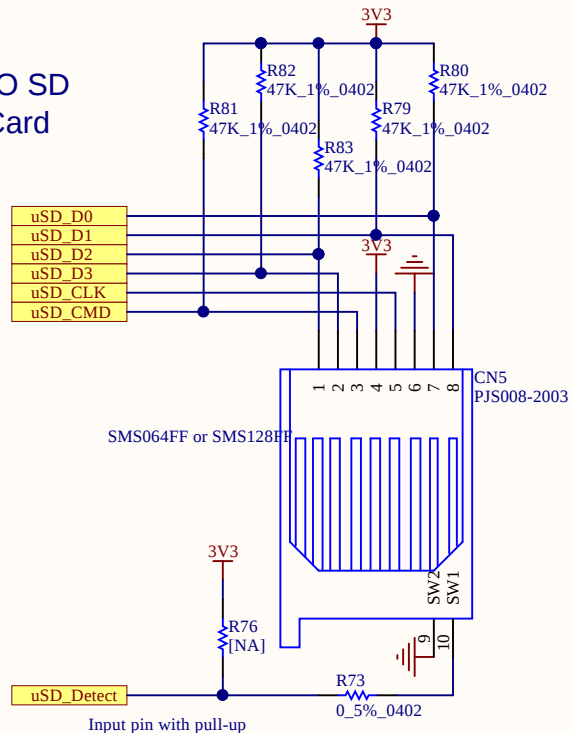
DSI LCD



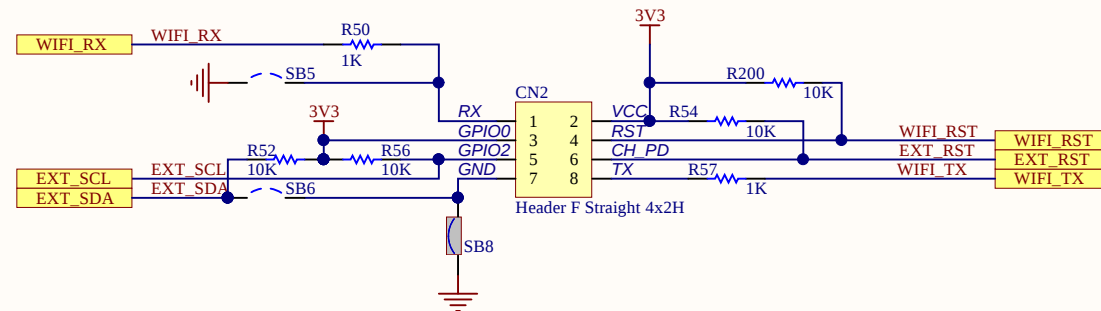
MB1166 I2C Address : 0101 0100



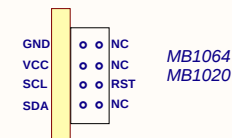
MICRO SD (TF) Card



WIFI with ESP8266 or I2C EXT Connector

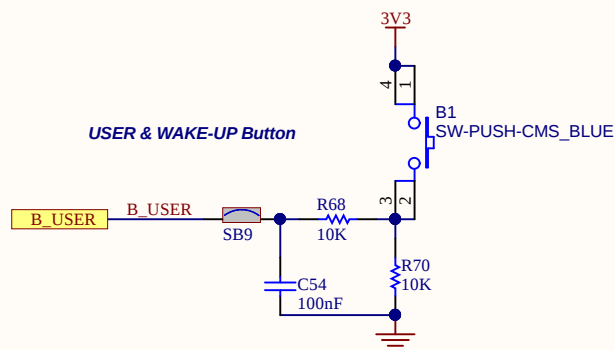


WIFI board
SB5, SB6, OFF
SB8, ON
EXT_RST, EXT_SCL, EXT_SDA = HIZ

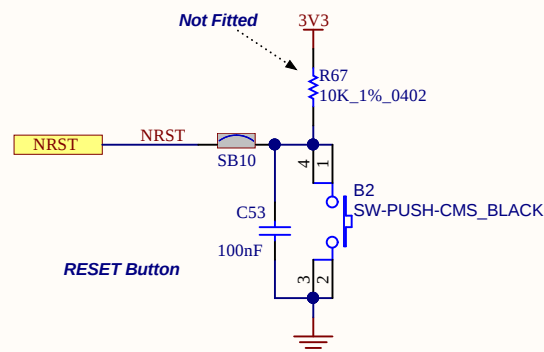


I2C board
SB8, OFF
SB5, SB6, ON
WIFI_RST, WIFI_RX, WIFI_TX = HIZ

USER & WAKE-UP Button



Not Fitted



LEDs

