

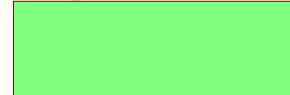
# STM32L4P5G-DK

MB1535

## Table of contents

- Sheet 1: Project overview (this page)
- Sheet 2: MB1535\_TOP
- Sheet 3: STM32\_microcontroller\_IOs
- Sheet 4: STM32\_microcontroller\_Power
- Sheet 5: USB\_OTG\_FS
- Sheet 6: OctoSPI Memory
- Sheet 7: eMMC
- Sheet 8: Audio
- Sheet 9: LCD\_TP
- Sheet 10: Camera Connector
- Sheet 11: Arduino Connector
- Sheet 12: STMod+ Connector
- Sheet 13: Multi-Function Expander
- Sheet 14: Peripherals
- Sheet 15: Power Board
- Sheet 16: Power SMPS
- Sheet 17: STLINK-V3E\_SWD Module
- Sheet 18: HW Mechanical parts

U\_MB1535\_TOP  
MB1535\_TOP.SchDoc



## Legend

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

Text to be added to silkscreen.

Warning text.

▲ Notes to generate the board layout.

## OPEN PLATFORM LICENSE AGREEMENT

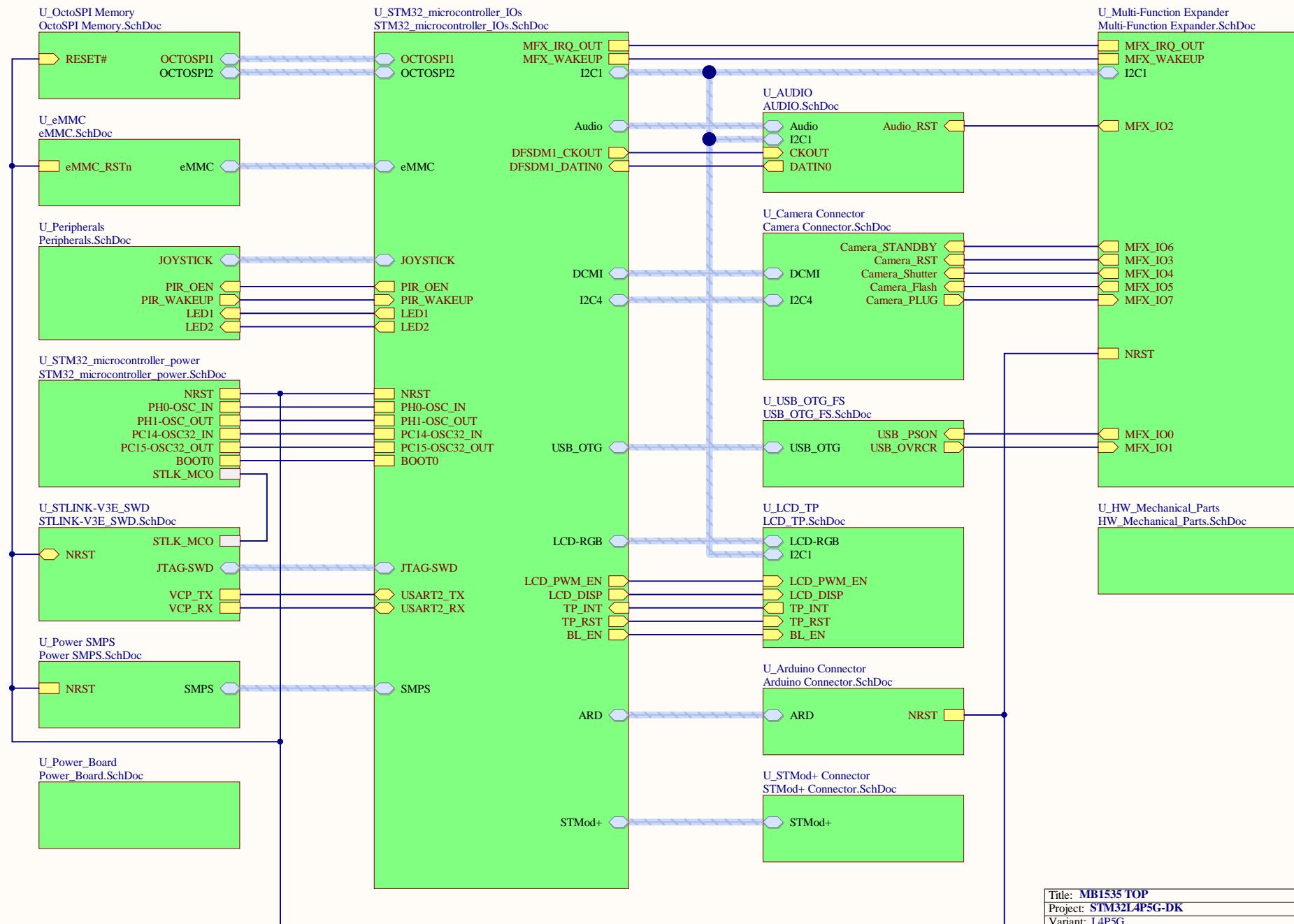
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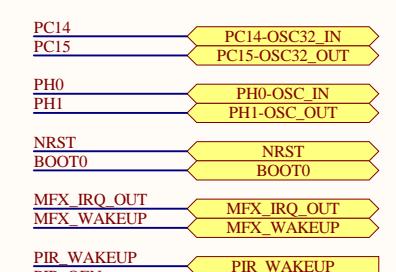
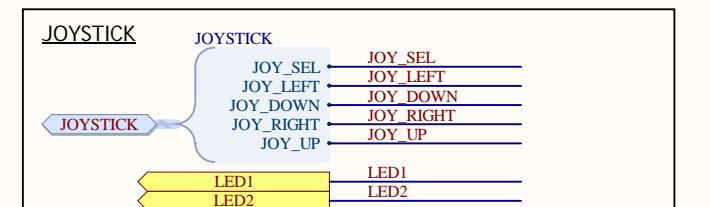
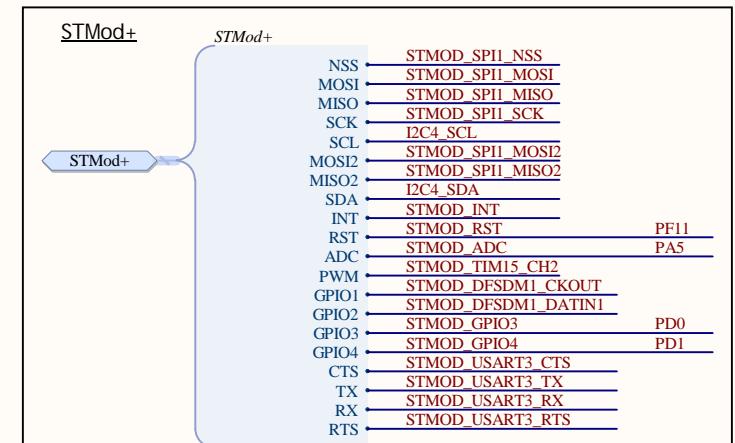
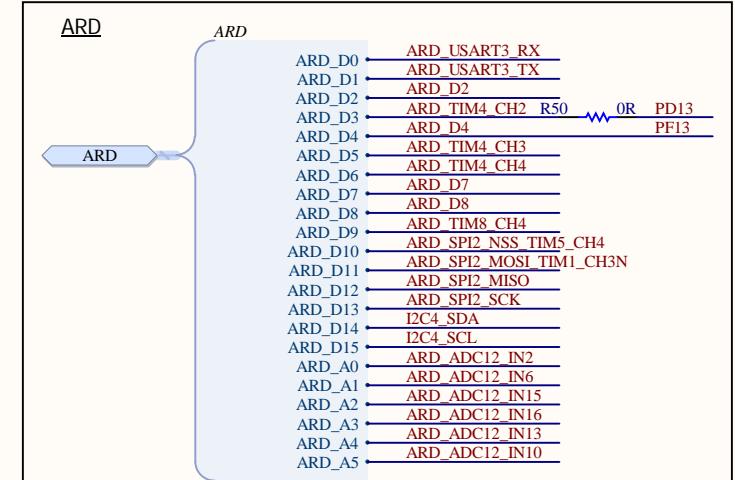
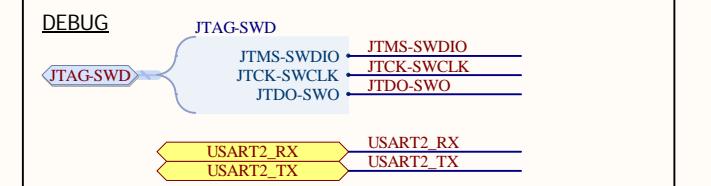
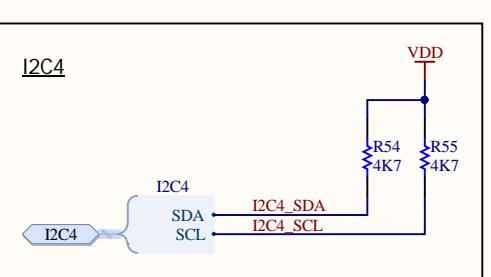
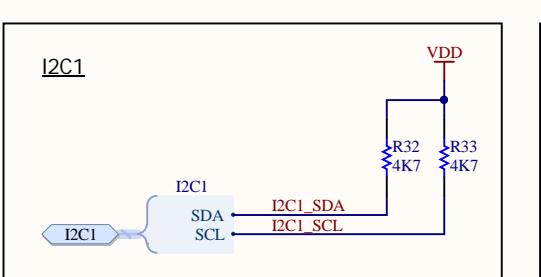
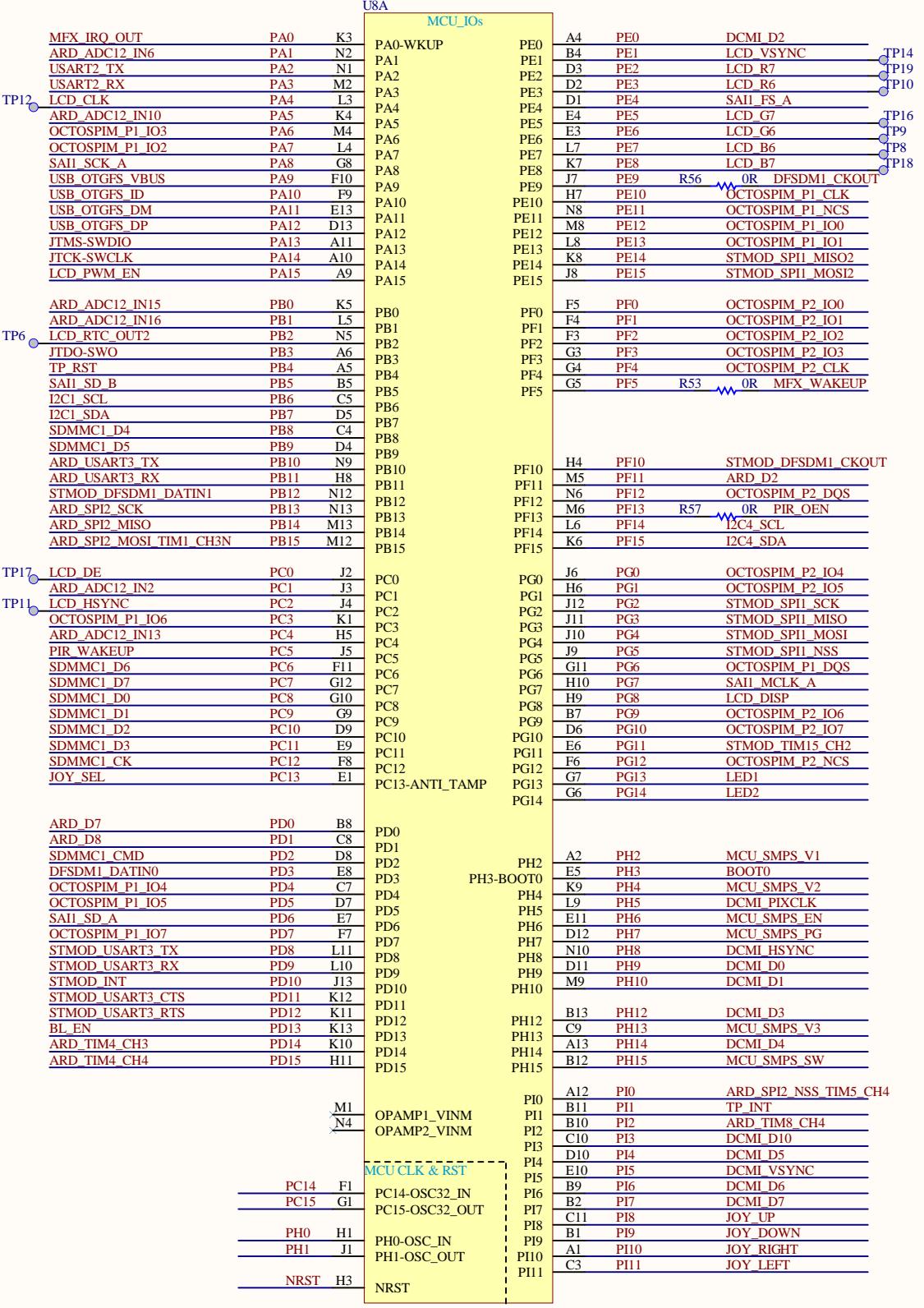
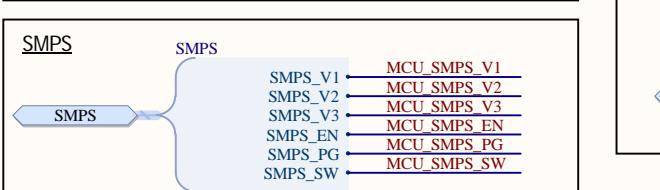
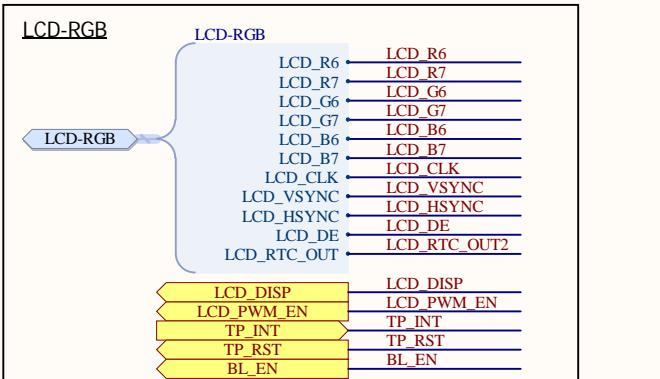
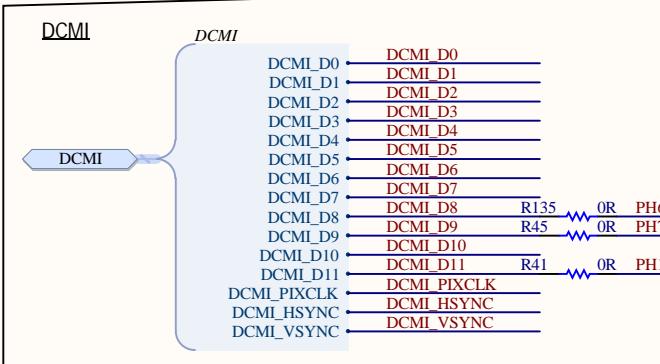
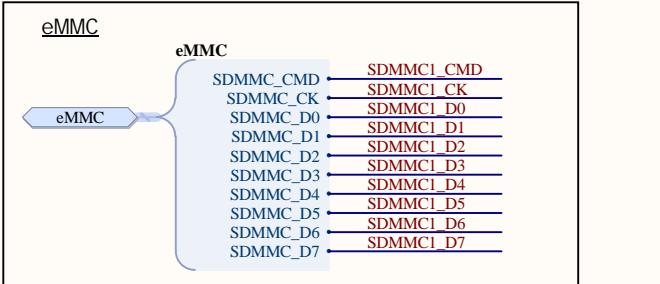
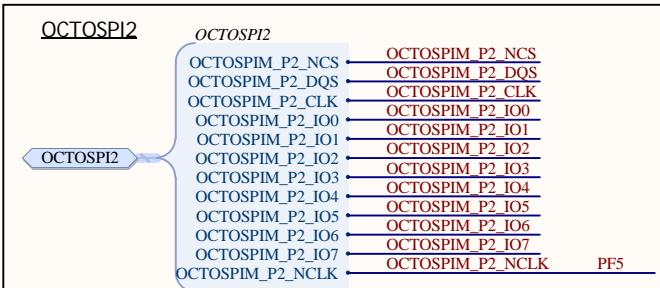
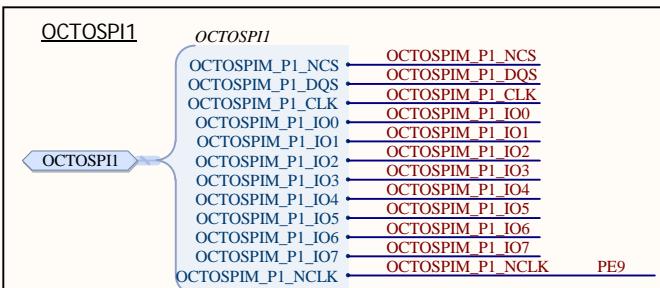
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Size: A4	Date: 31-JUL-19	Sheet: 1 of 18		

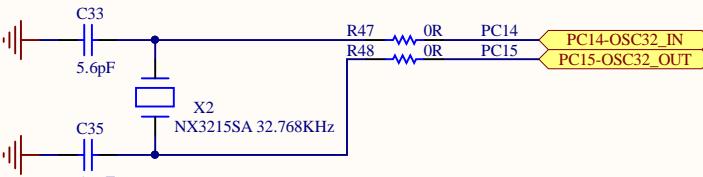




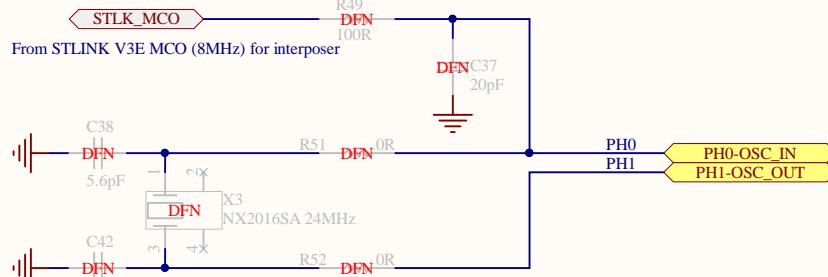


## MCU POWER, CLOCK, RESET & BOOT

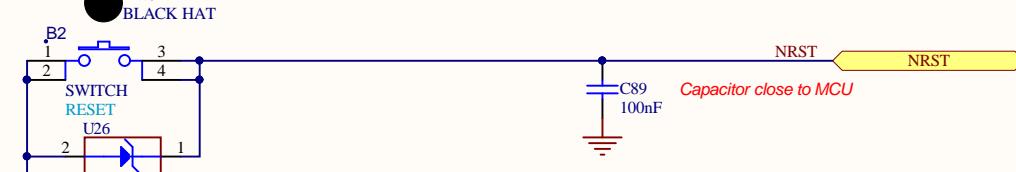
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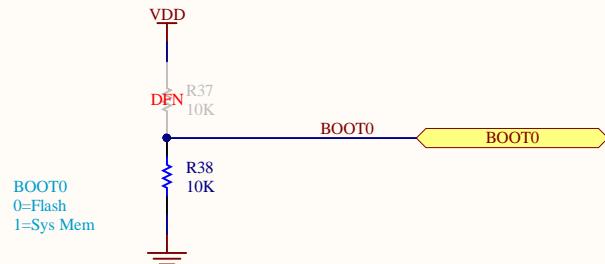
### 24MHz Clock



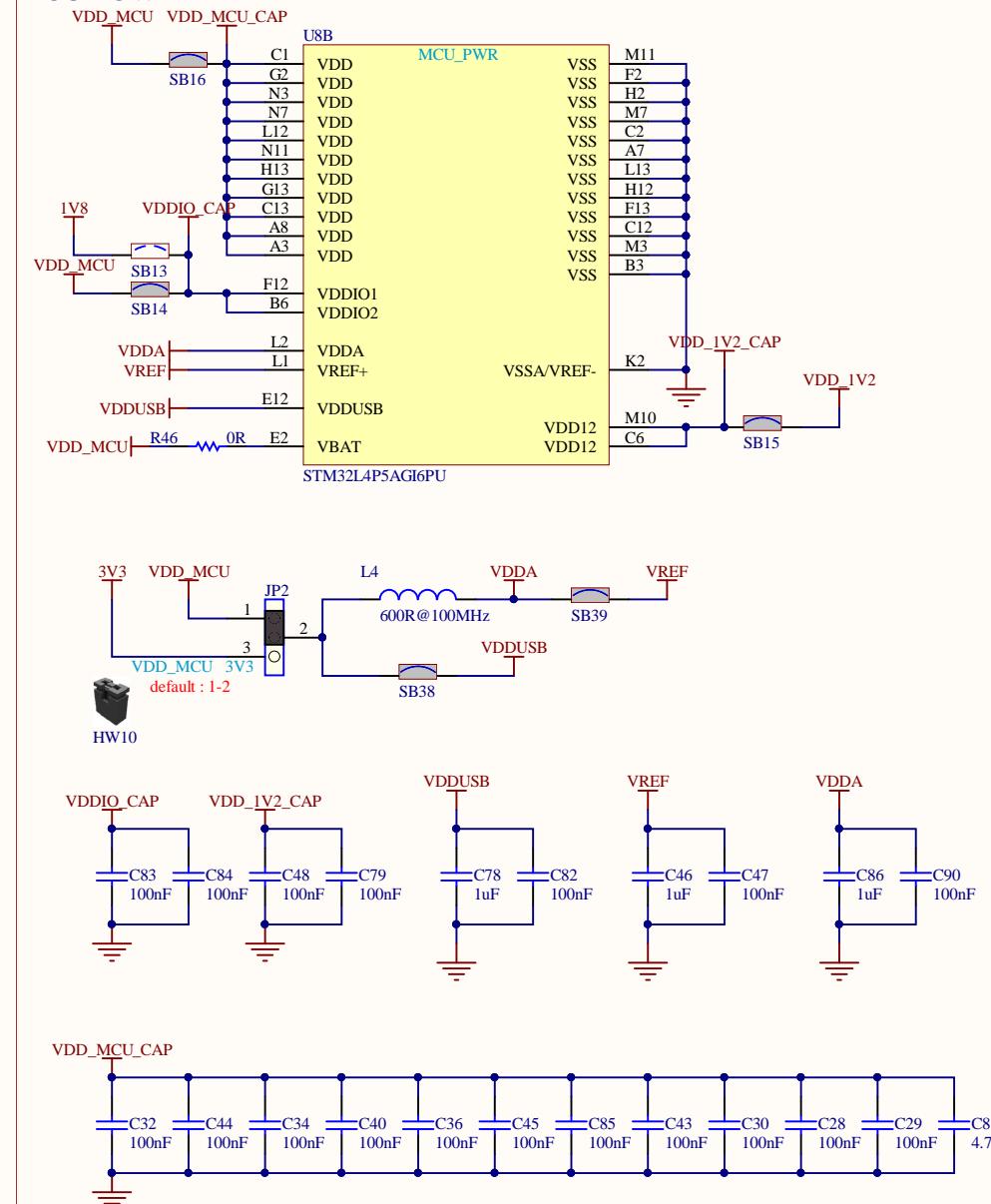
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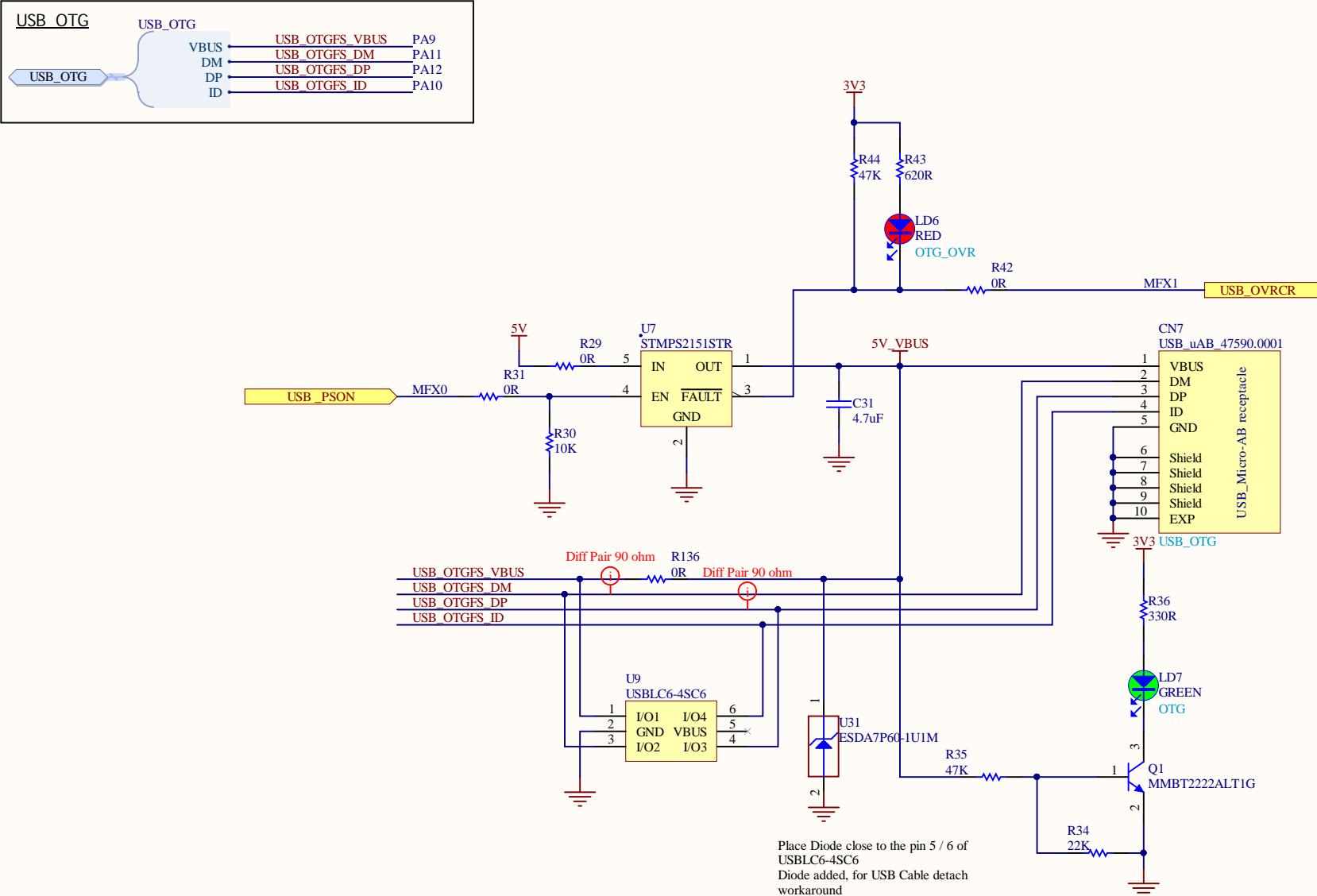


### BOOT0

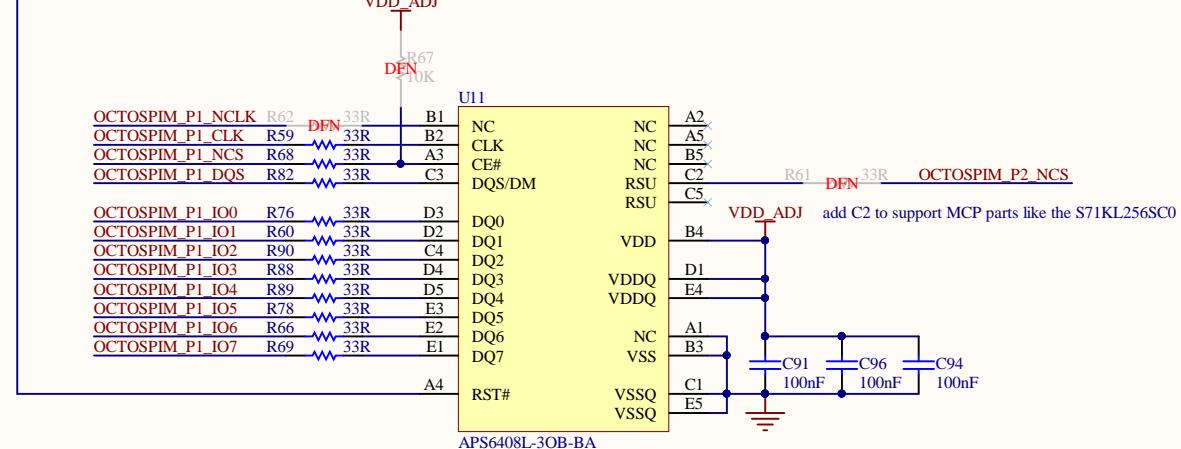
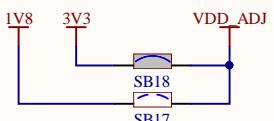
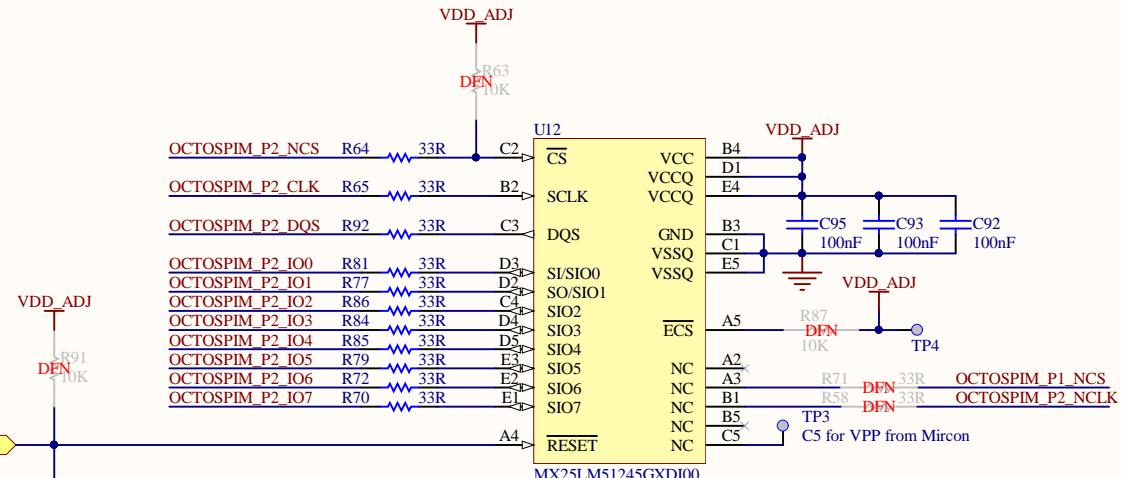
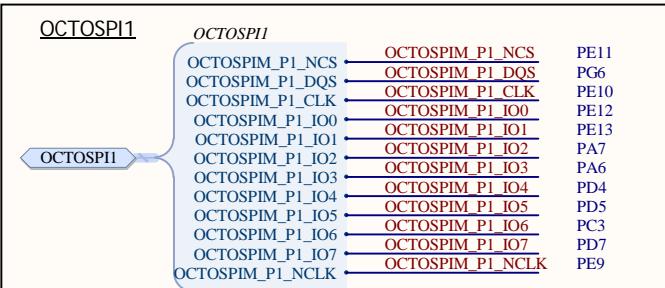


## MCU POWER





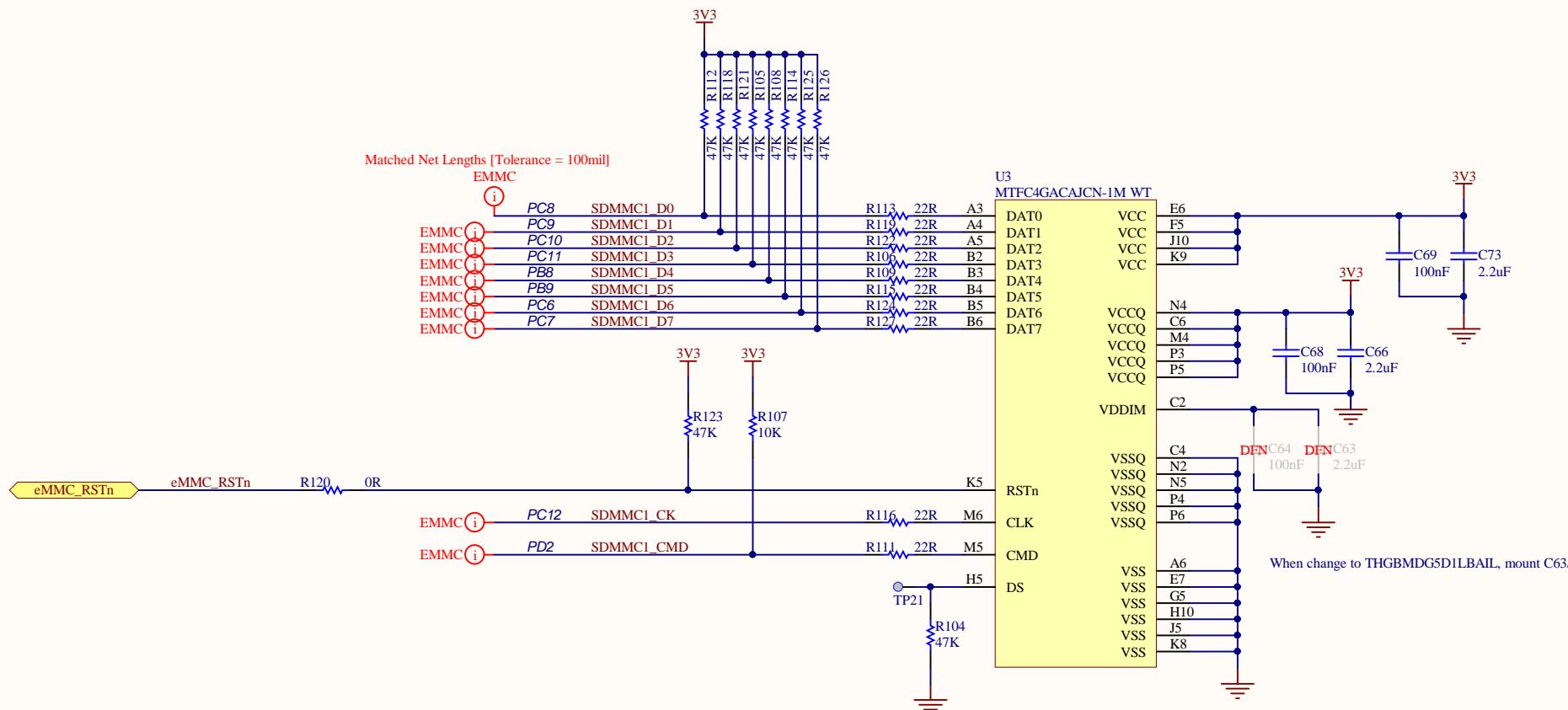
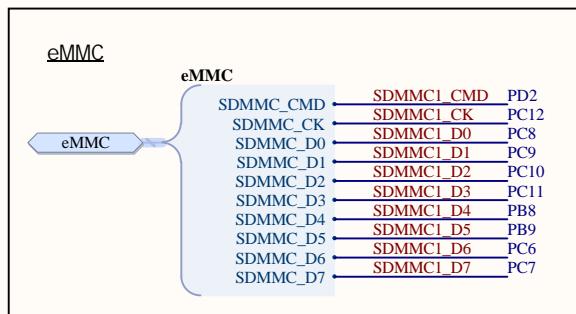
# OctoSPI Memory

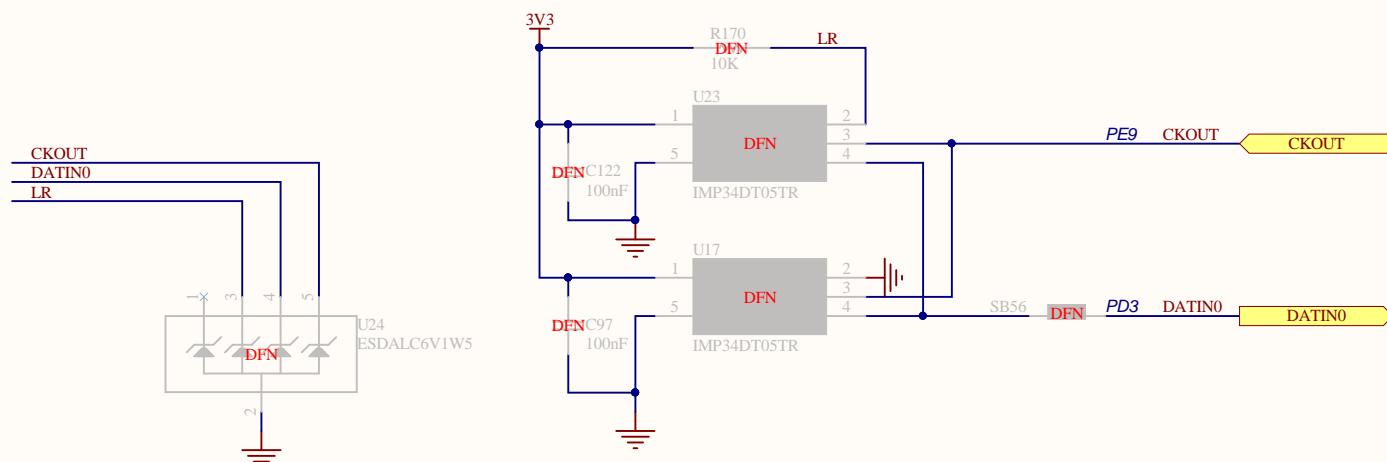
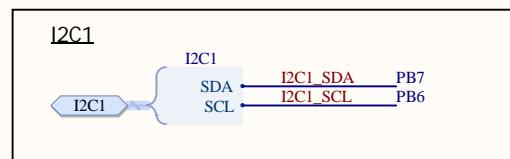
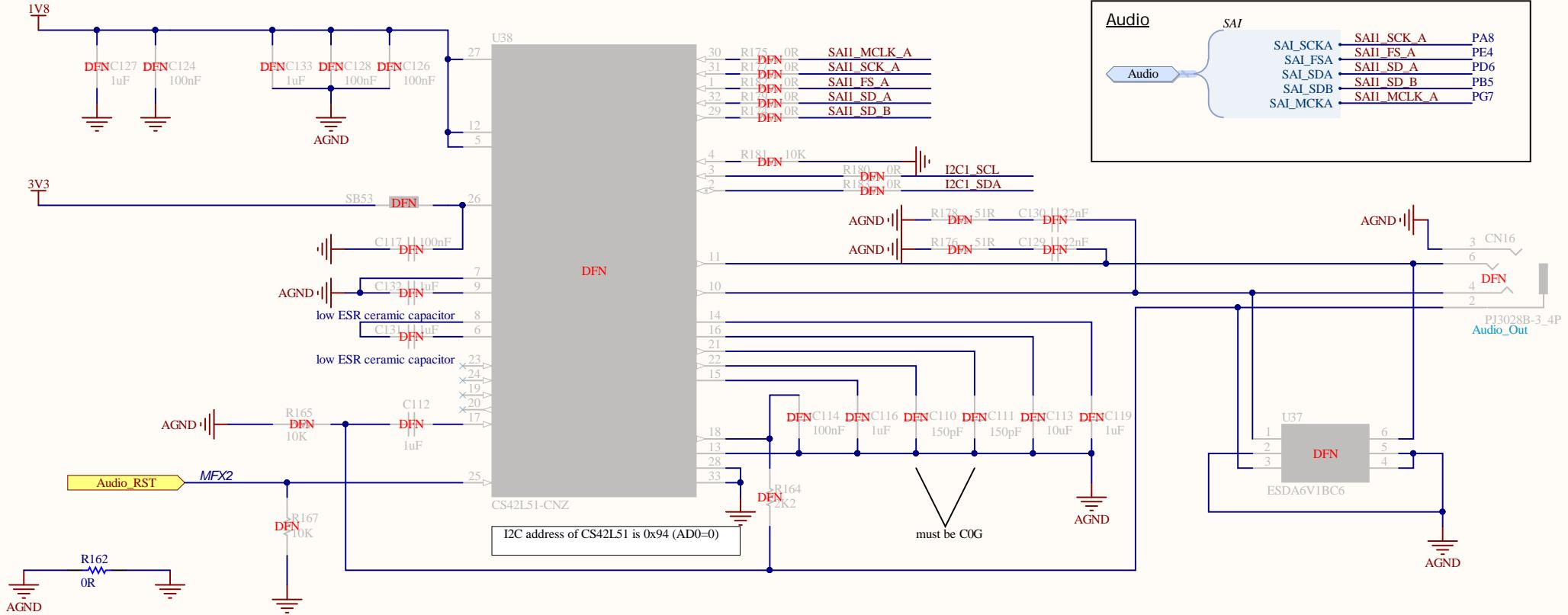


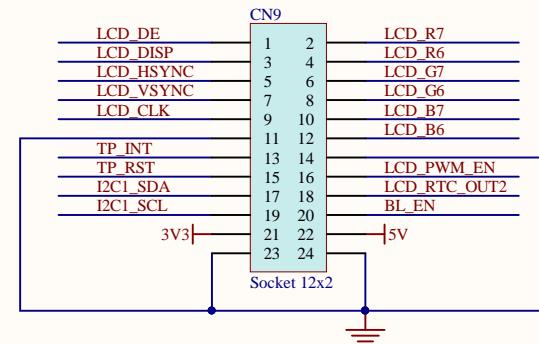
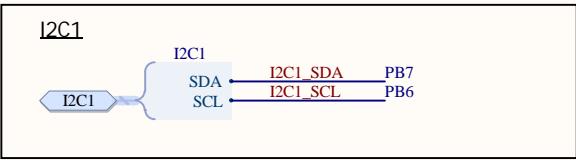
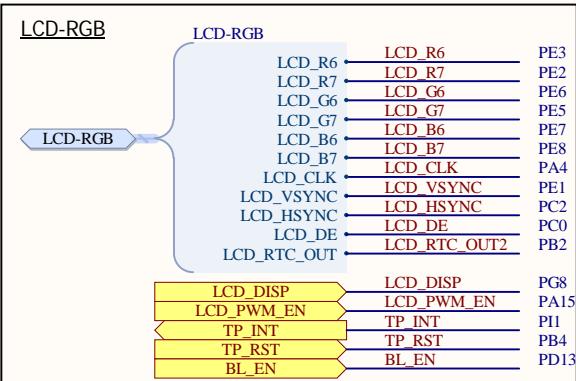
add the footprint to support APMemory QSPI in package SO8

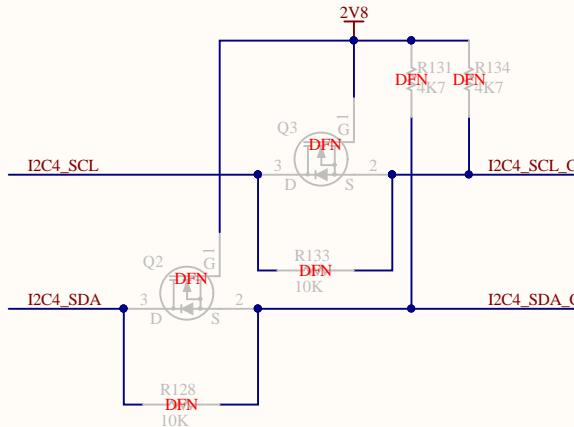
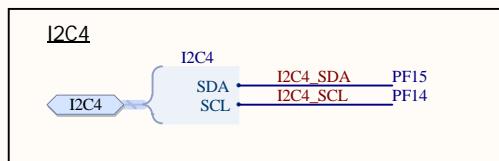
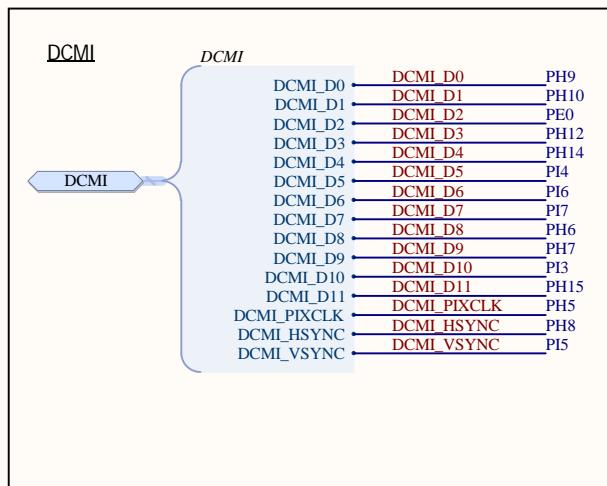
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Project: STM32L4P5G-DK	
Variant: L4P5G	
Revision: B-01	
Size: A4	Date: 31-JUL-19
Reference: MB1535	Sheet: 6 of 18







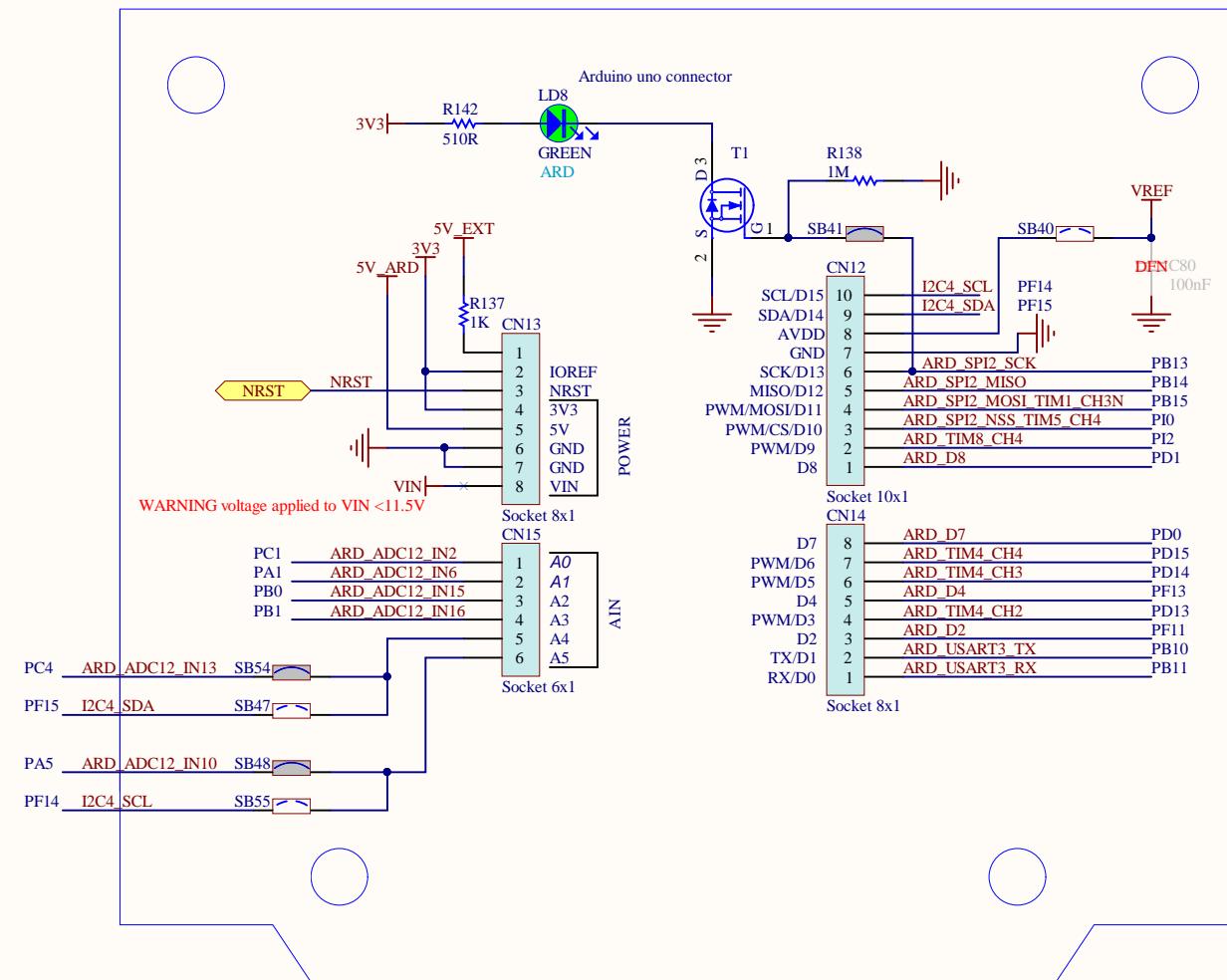


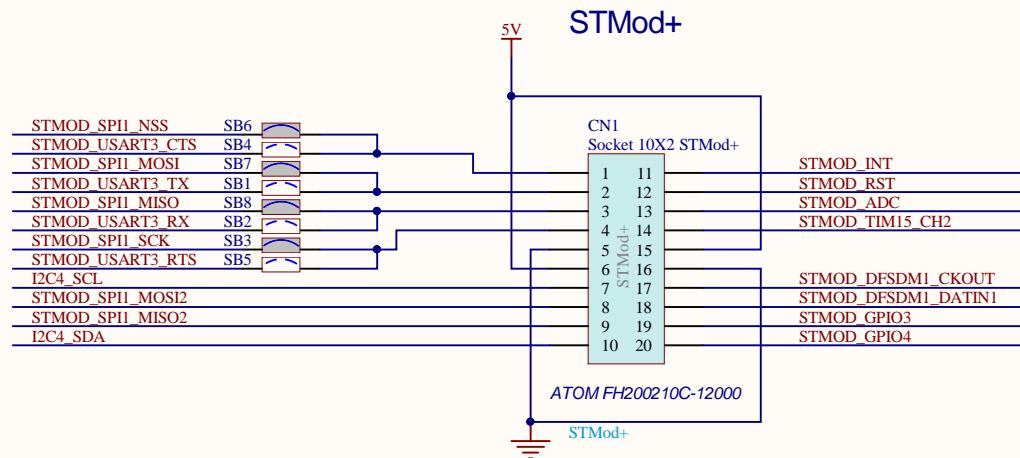
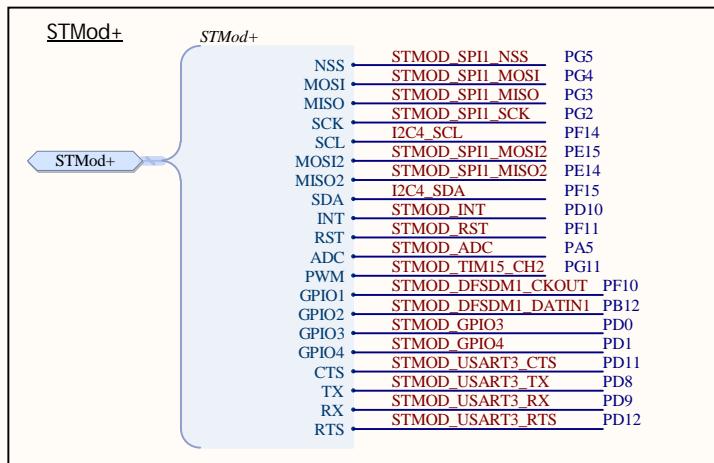


ARD

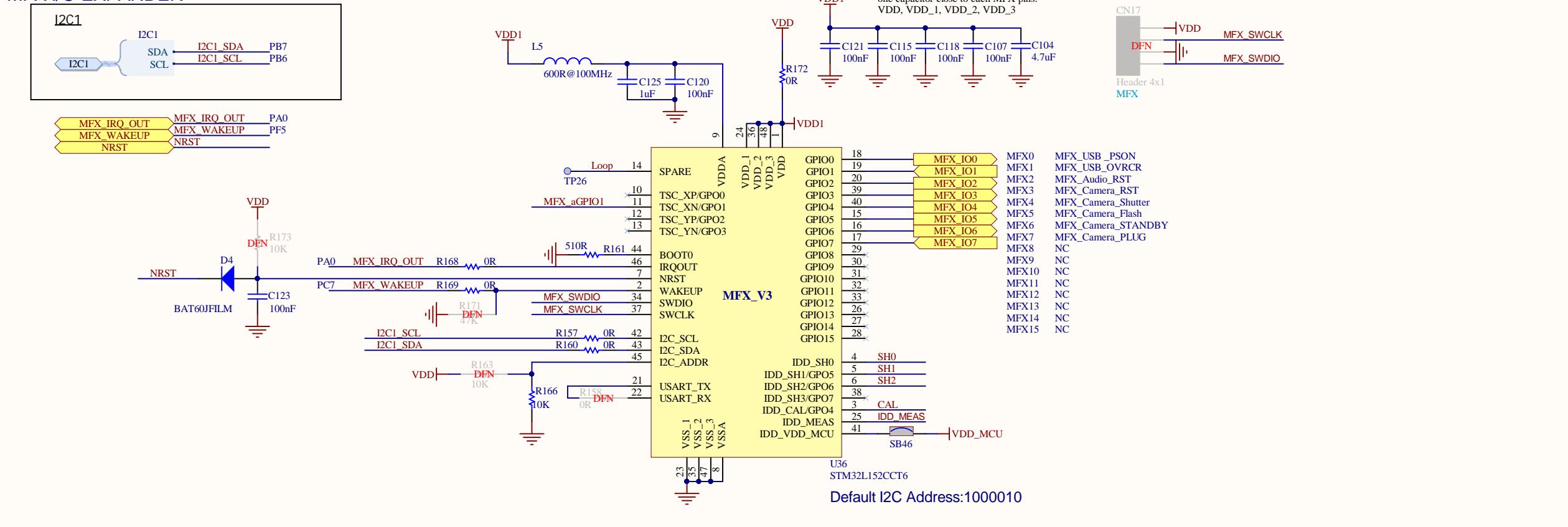
ARD

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ARD_D1	ARD_USART3_TX
ARD_D2	ARD_D2
ARD_D3	ARD_TIM4_CH2
ARD_D4	ARD_D4
ARD_D5	ARD_TIM4_CH3
ARD_D6	ARD_TIM4_CH4
ARD_D7	ARD_D7
ARD_D8	ARD_D8
ARD_D9	ARD_TIM8_CH4
ARD_D10	ARD_SPI2 NSS TIM5 CH4
ARD_D11	ARD_SPI2 MOSI TIM1 CH3N
ARD_D12	ARD_SPI2_MISO
ARD_D13	ARD_SPI2_SCK
ARD_D14	I2C4_SDA
ARD_D15	I2C4_SCL
ARD_A0	ARD_ADC12_IN2
ARD_A1	ARD_ADC12_IN6
ARD_A2	ARD_ADC12_IN15
ARD_A3	ARD_ADC12_IN16
ARD_A4	ARD_ADC12_IN13
ARD_A5	ARD_ADC12_IN10

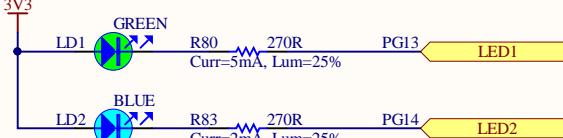




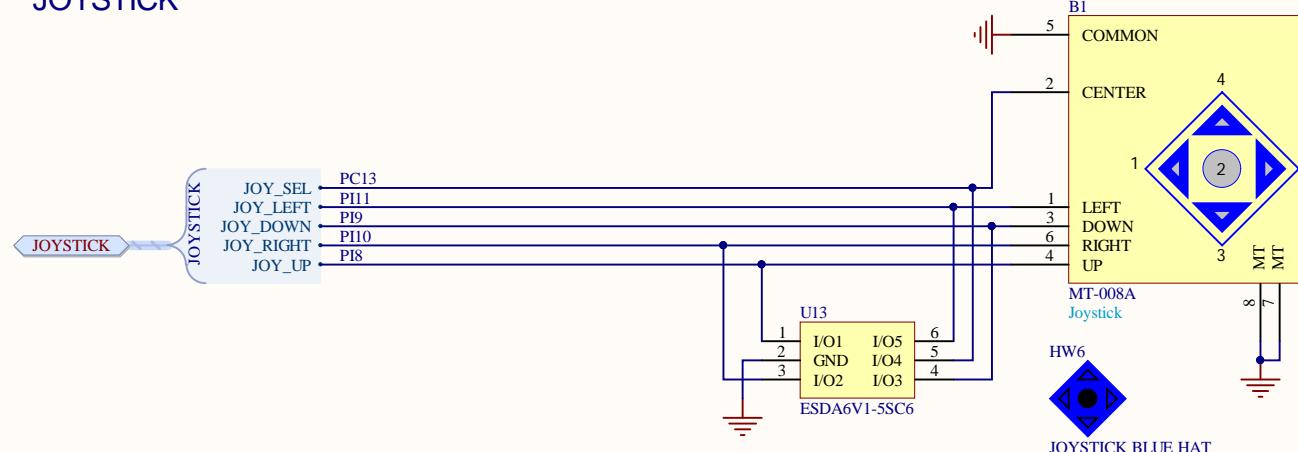
# MFX I/O EXPANDER



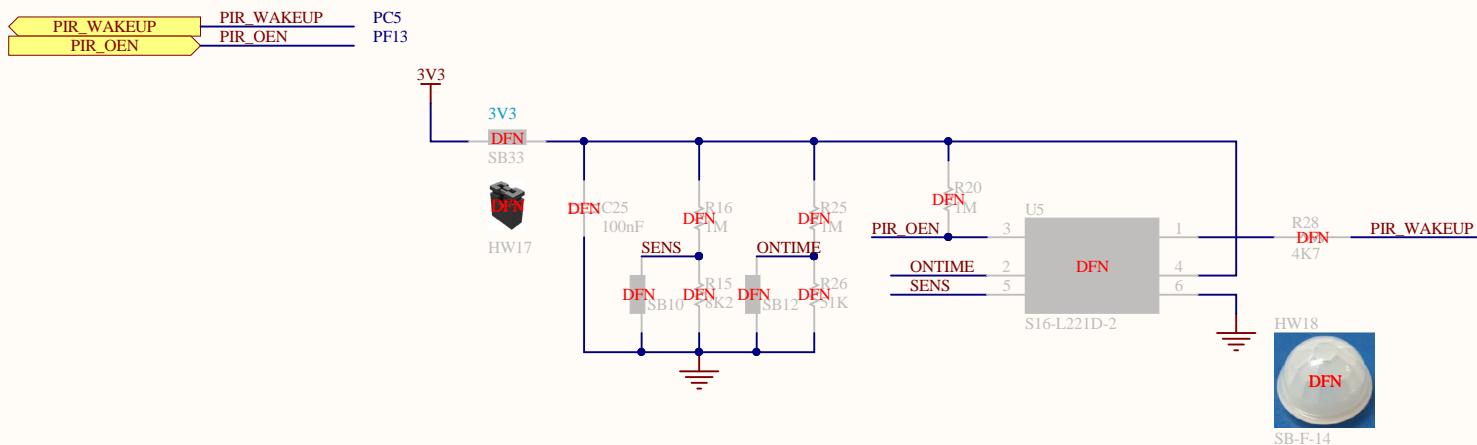
## LEDs



## JOYSTICK



## PIR



Title: Peripherals

Project: STM32L4P5G-DK

Variant: L4P5G

Revision: B-01

Reference: MB1535

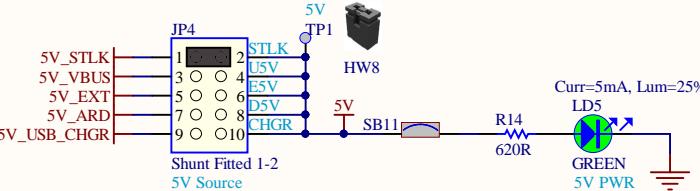
Size: A4 Date: 31-JUL-19



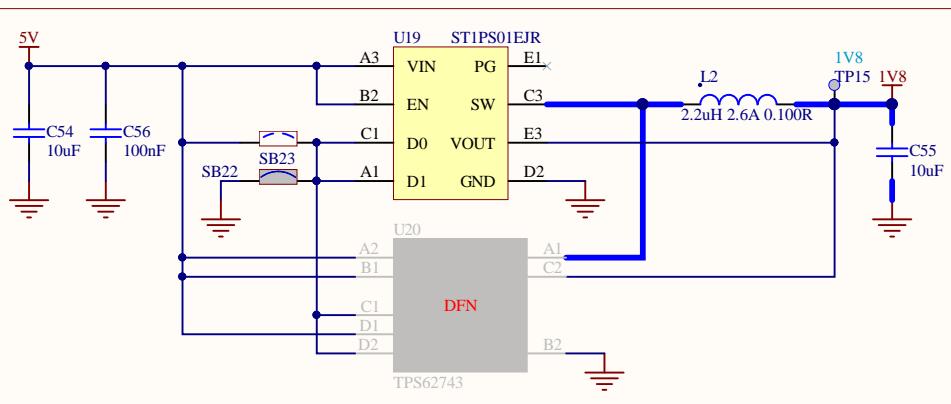
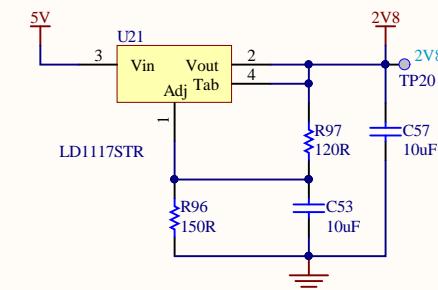
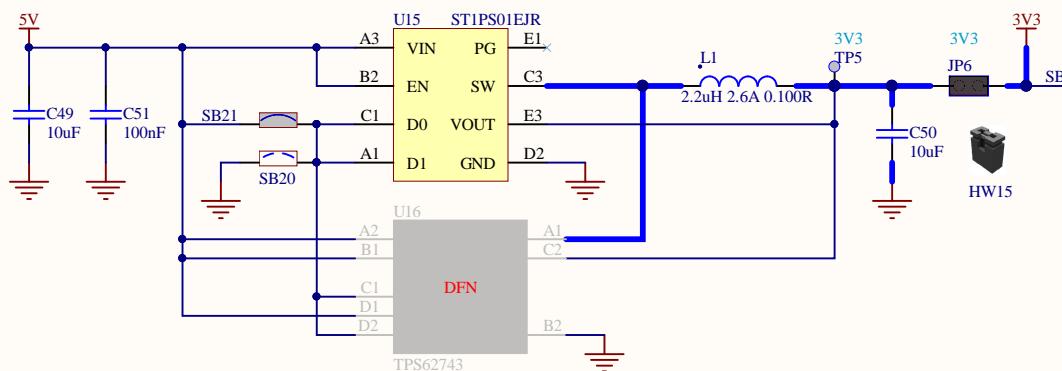
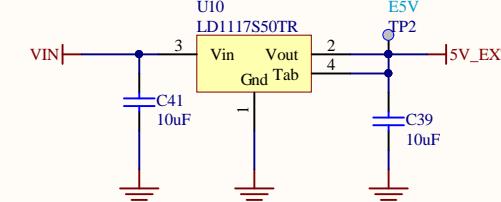
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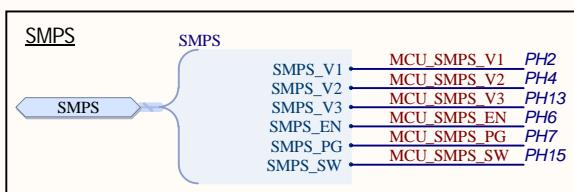
# BOARD POWER

## 5V Power Supply options

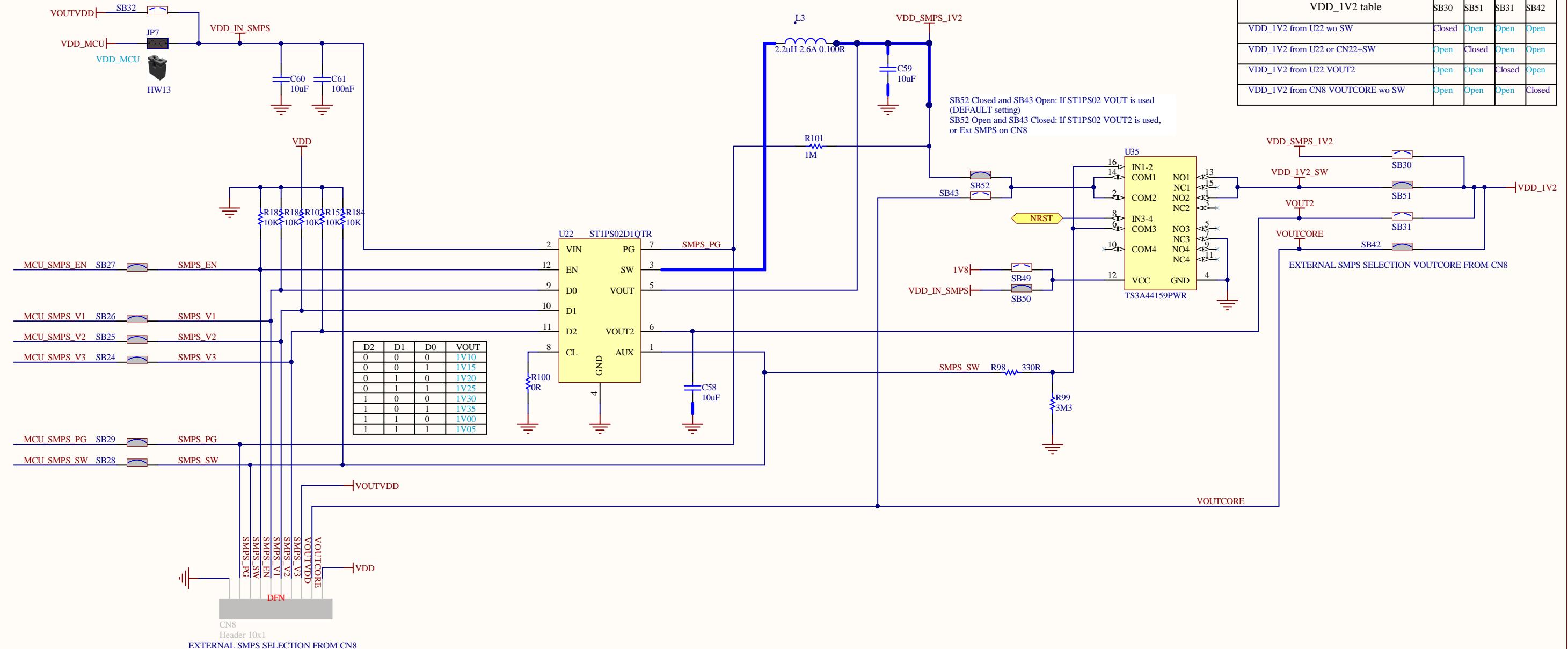


## VIN to 5V\_EXT supply



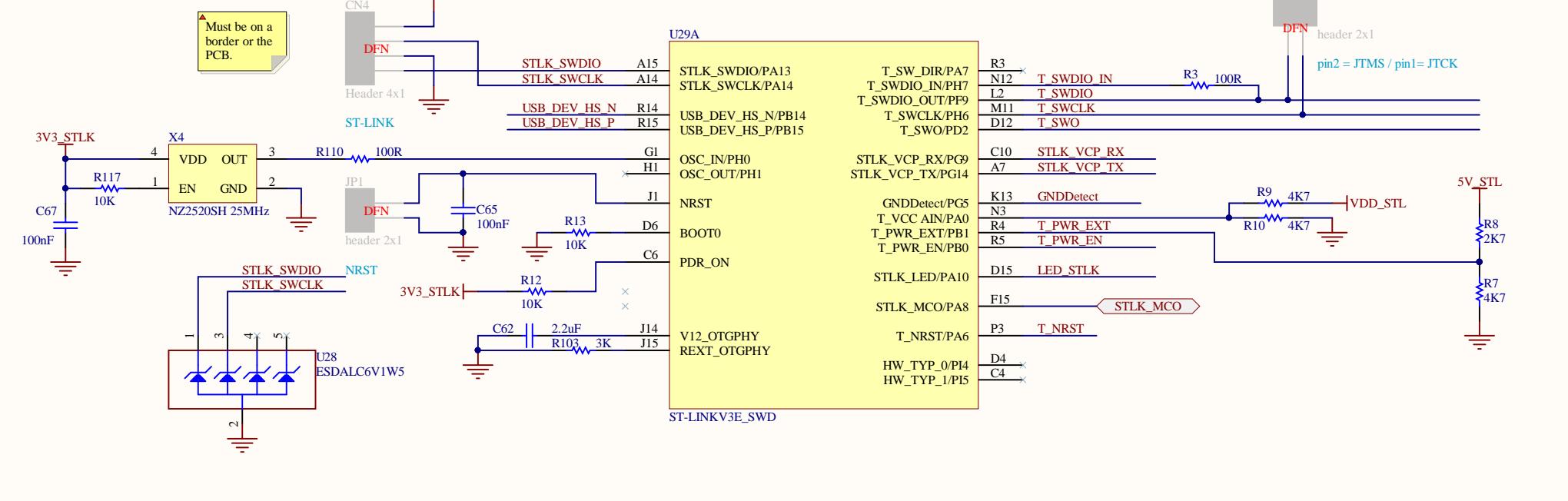


**SMPS SELECTION, VDD\_1V2**  
Comment on this part are for Ext 1V2 SMPS configuration

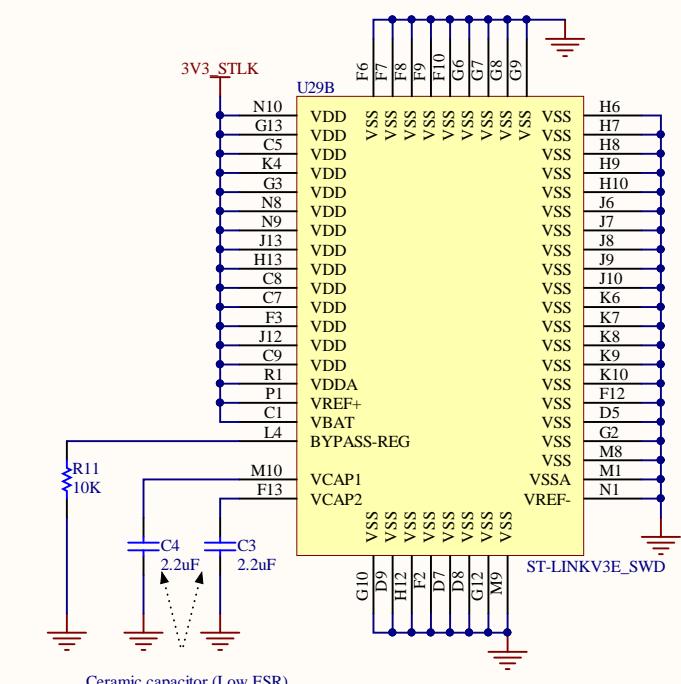


STLINK V3E SWD

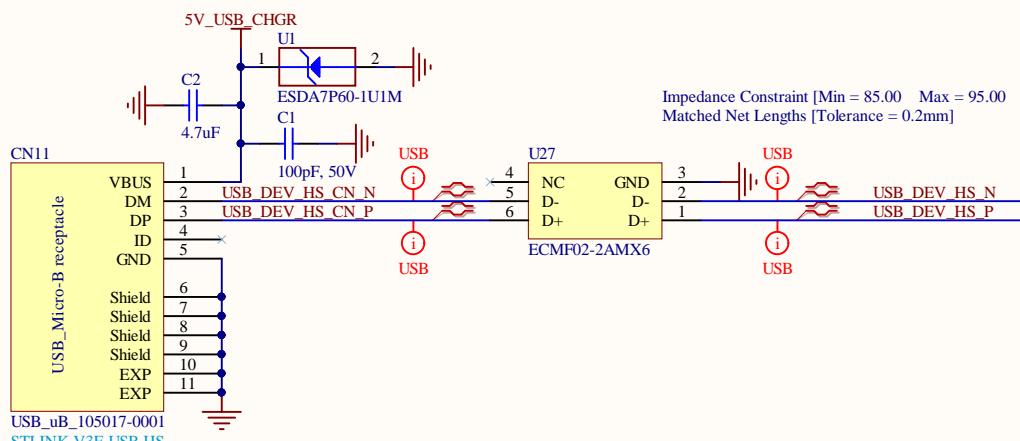
I/Os



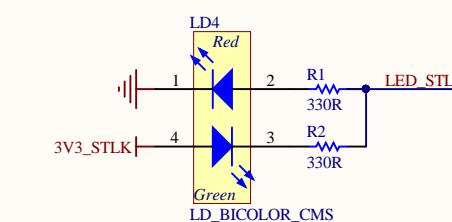
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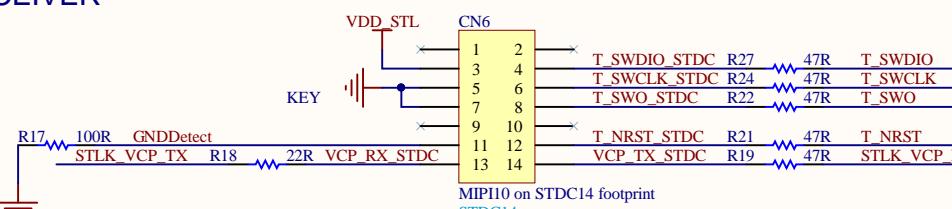
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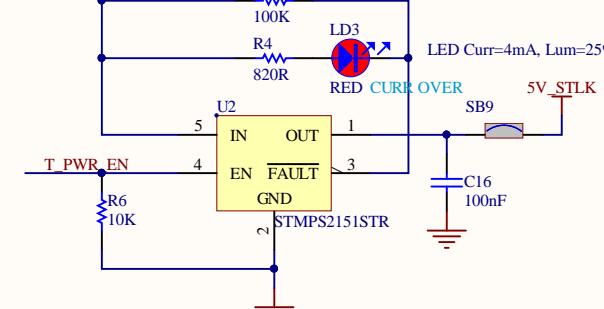
LED



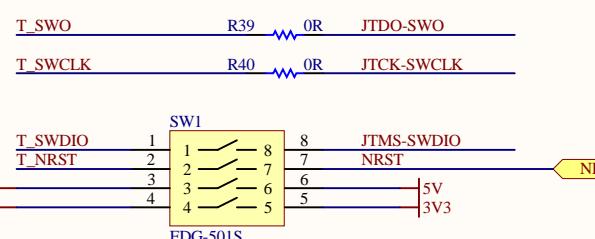
STDC14 RECEIVER



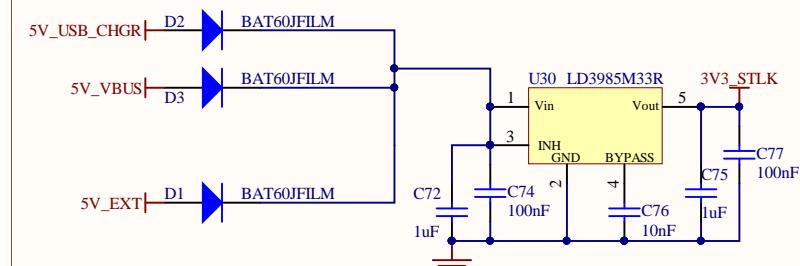
5V ST-LINK 5V USB CHGR



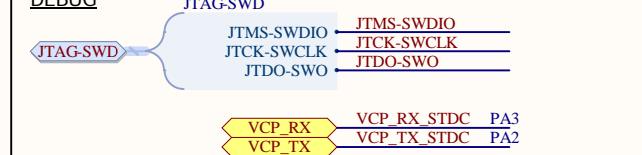
SWITCH



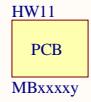
3.3V ST-LINK



DEBUG



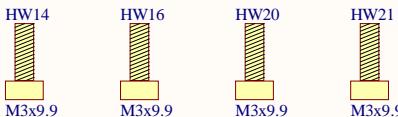
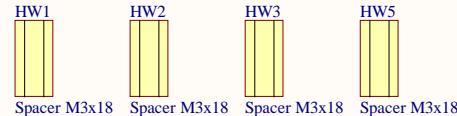
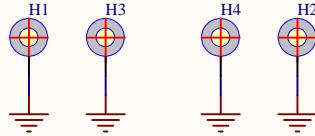
## HW Mechanical parts



HW4  
MBXXXXY-zz syywwwxxxxx  
BOARD REF

HW7  
STM32L4P5G-DISCO  
BOARD CPN

HW19  
BOARD QR CODE  
QR code



Title: HW\_Mechanical\_Parts

Project: STM32L4P5G-DK

Variant: L4P5G

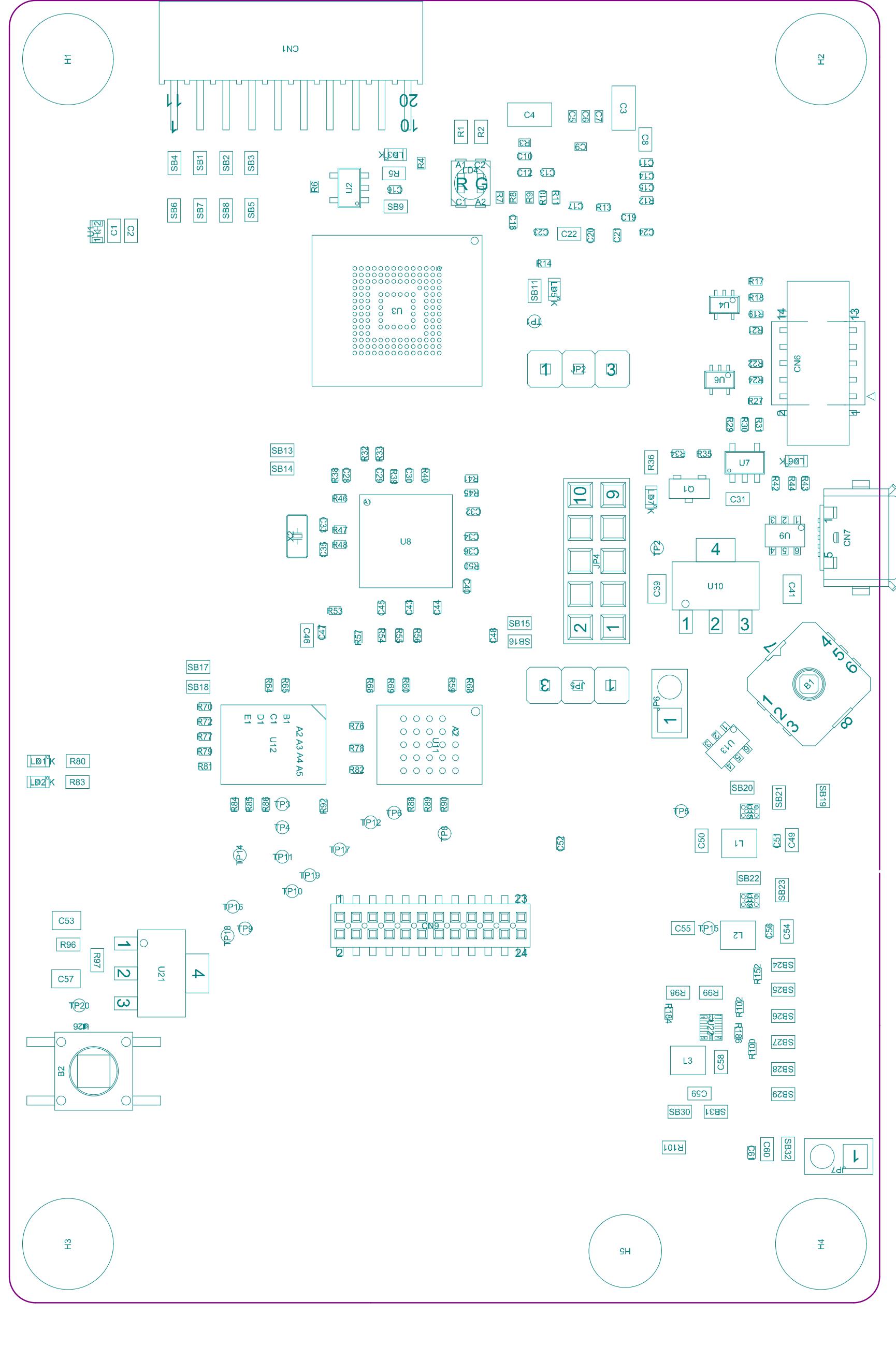
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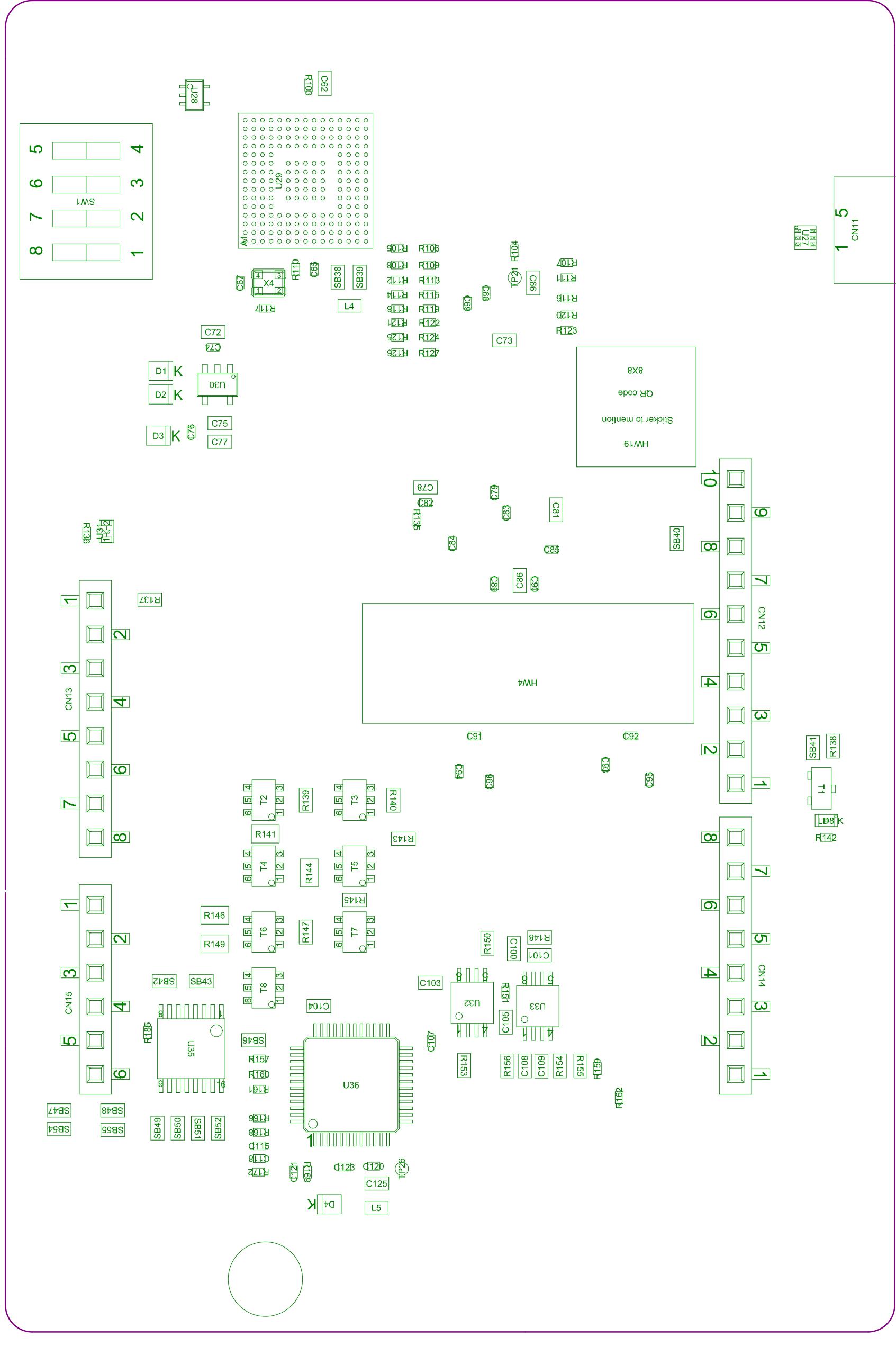
Reference: MB1535



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# FAB DRAWING & DRILL LEGEND



#### FAB DRAWING & DRILL LEGEND

