

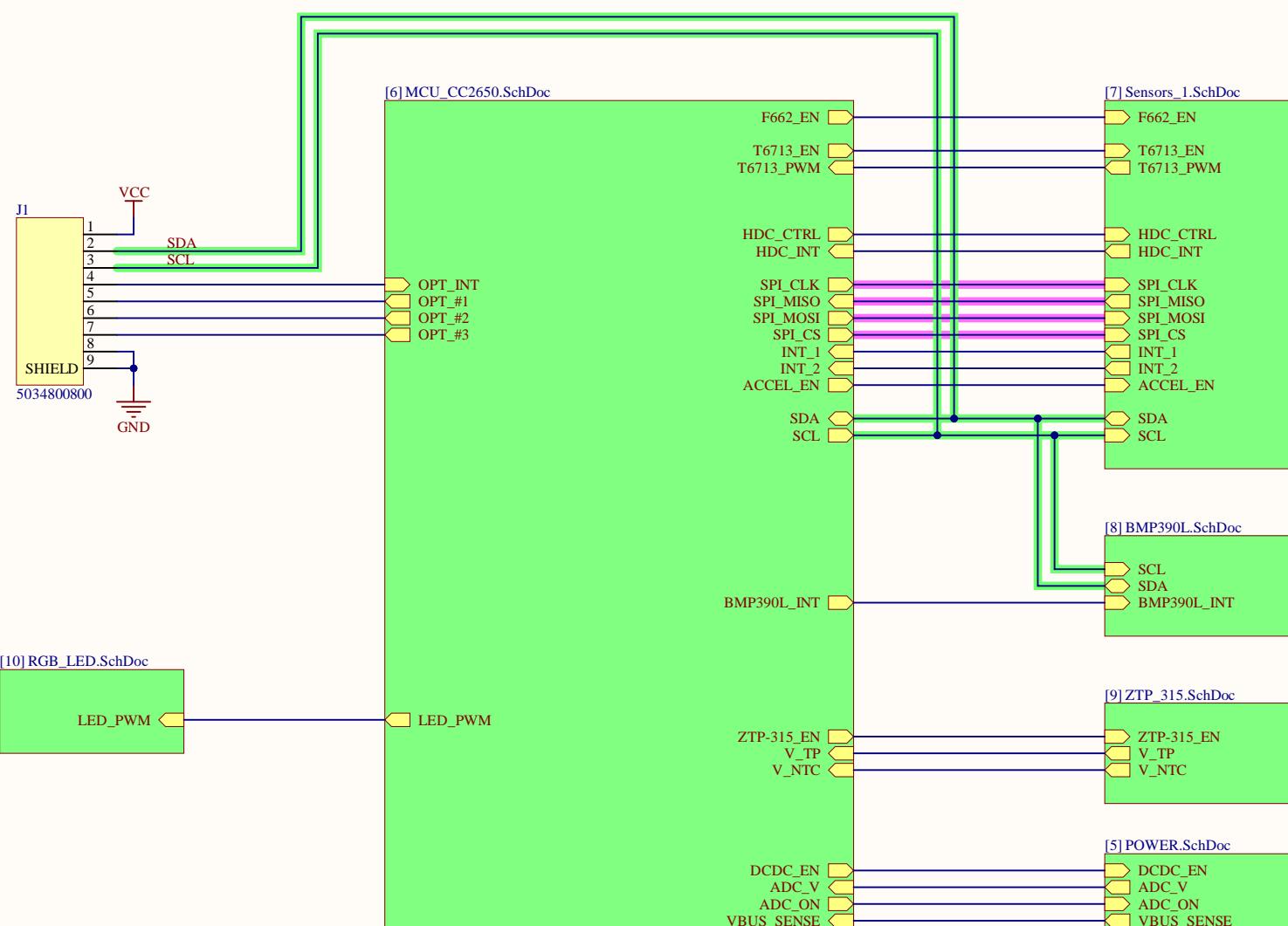
Text  
"PCB file name (PCB\_R)"  
PCB FILE NAME (PCB\_R)

Symbol  
"LEAD FREE"  
LEAD FREE

Symbol  
"ANTISTATIC"  
ANTISTATIC

Symbol  
"GLINTECH"  
GLINTECH

Symbol  
"TRASH CAN"  
TRASH CAN



Project :	PLS001-SCH-001-R01		
File :	[1] MSheet.SchDoc		
Date :	13.08.2021	Rev:	1.0
Designed by :	Shvydko Artem	Sheet:	1 of 10

# Sensor Tag

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## DESIGN CONSIDERATIONS

**DESIGN NOTE:**  
Example text for informational design notes.

**DESIGN NOTE:**  
Example text for debug notes.

**DESIGN NOTE:**  
Example text for critical design notes.

**DESIGN NOTE:**  
Example text for cautionary design notes.

**LAYOUT NOTE:**  
Example text for critical layout guidelines.

Project :	PLS001-SCH-001-R01		
File :	[2] COVER.SchDoc		
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## Rev.01 History

#	Description	Status	Date	Notes
1				
2				
3				

## Rev.01 Bug List

#	Description	Status	Date	Notes
1				
2				
3				
4				
5				
6				
7				

A

A

B

B

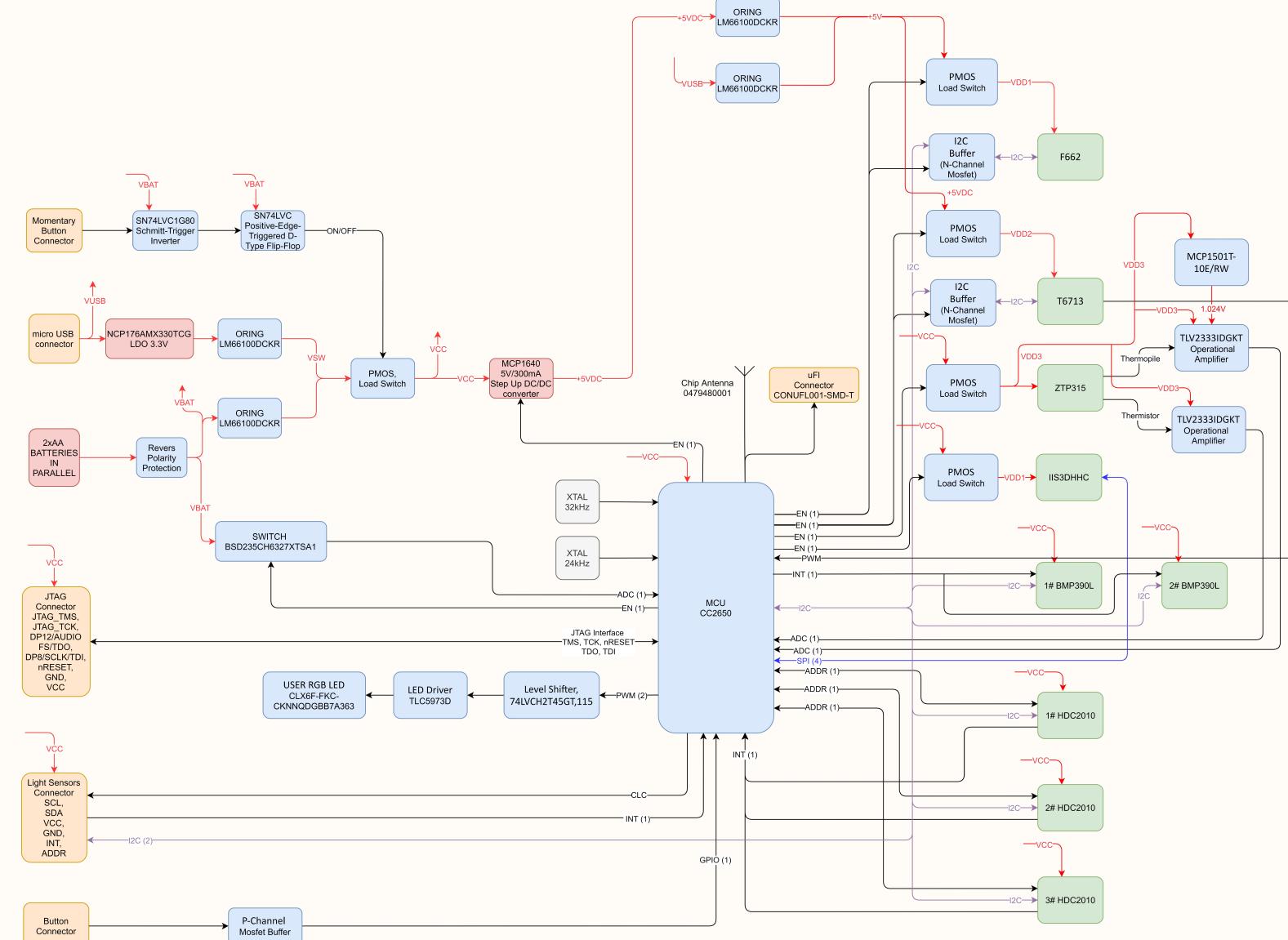
C

C

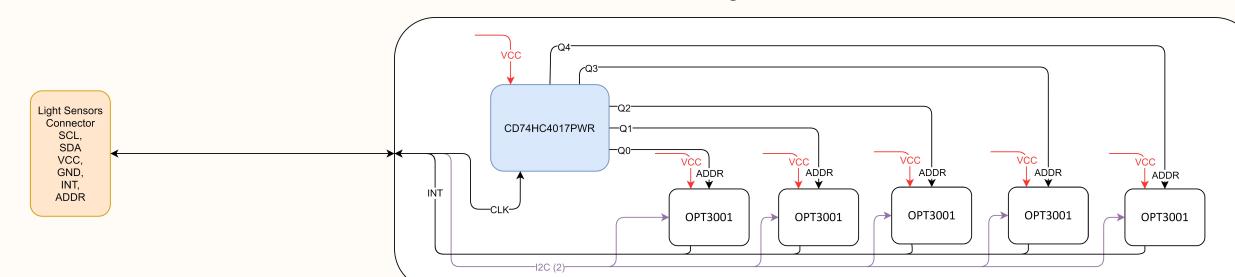
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D

## SensorTag Functional Diagram

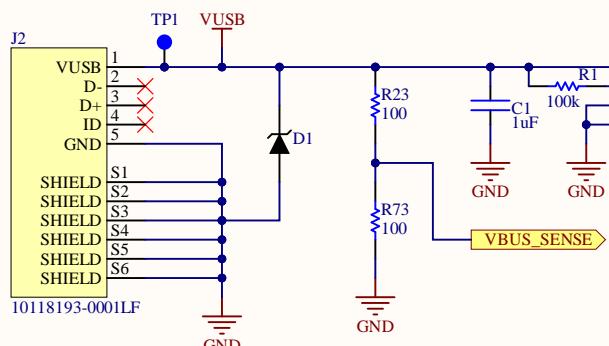


## Light Sensor Flex PCB

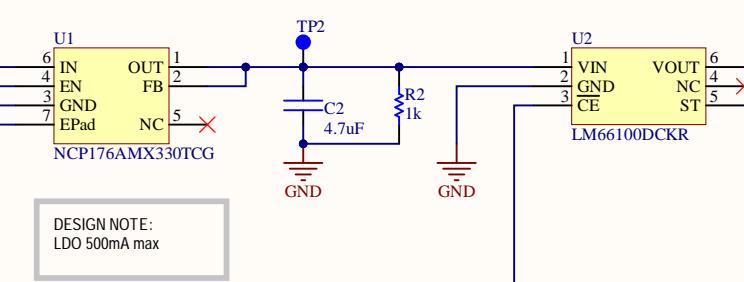


Project :	PLS001-SCH-001-R01		
File :	[4] Functional Diagram.SchDoc		
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Designed by :	Shvydko Artem	Sheet:	4 of 10

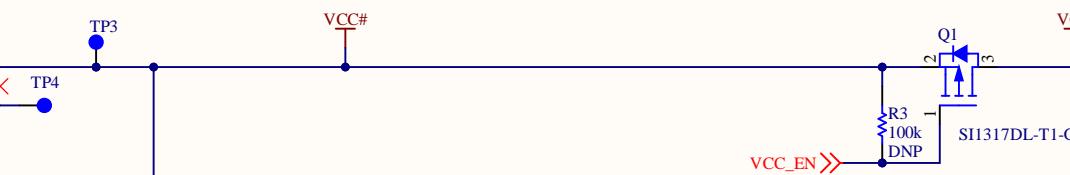
## Micro USB



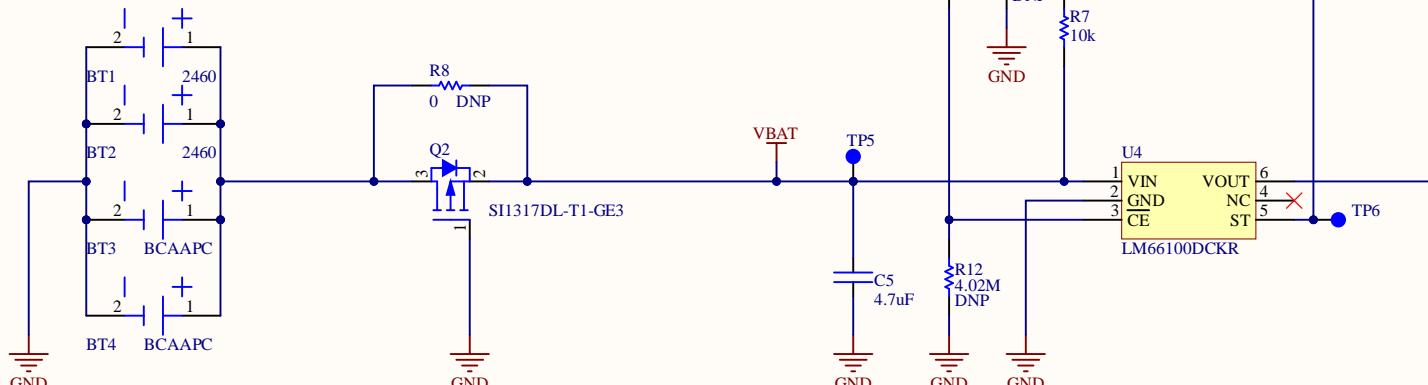
VCC ORING



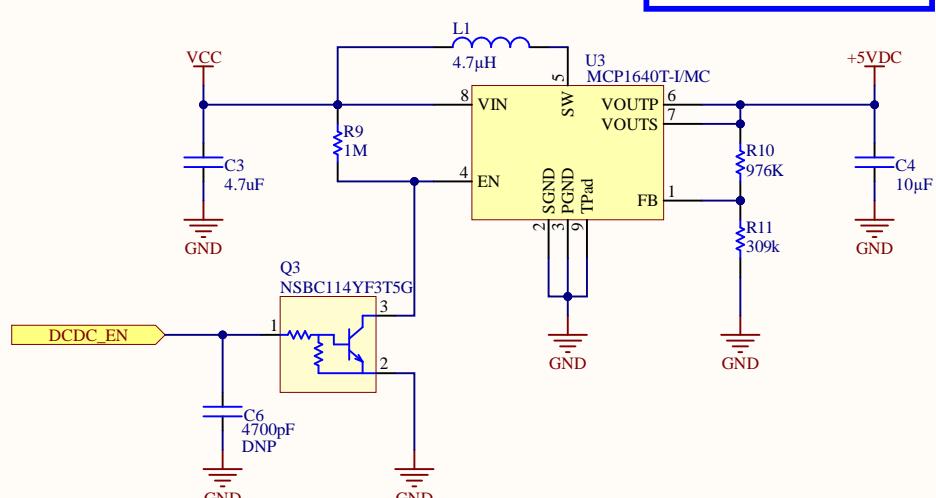
## VCC Enable Switch



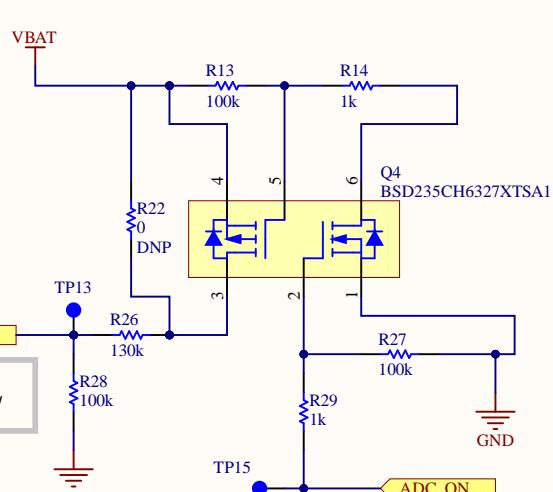
## Batteries



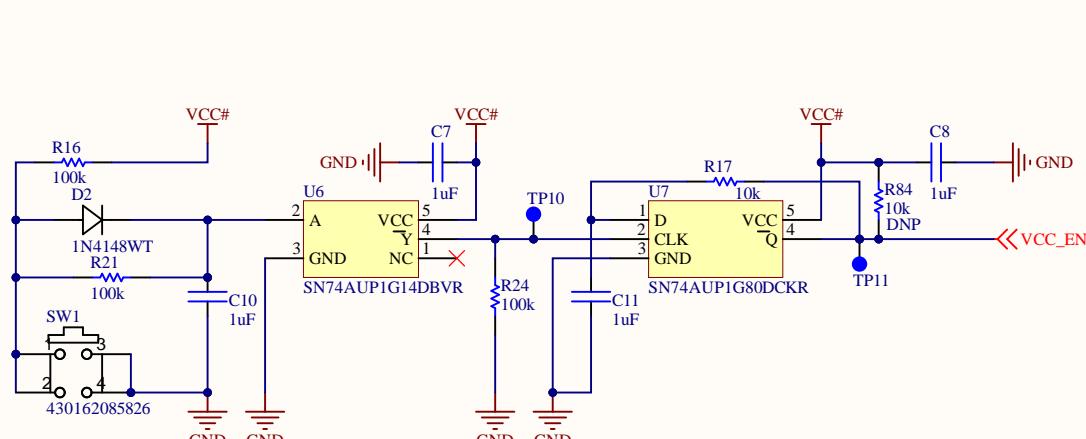
## DC/DC Step UP



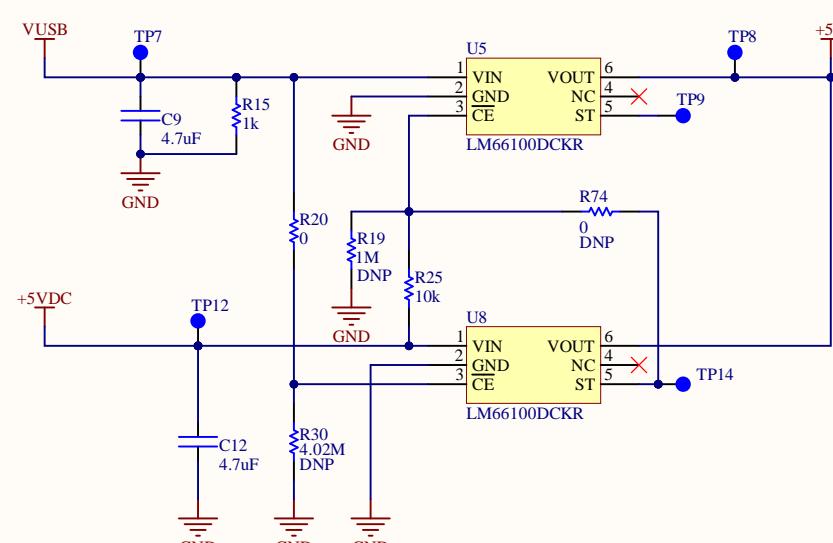
## **VBAT Measuring**



## Momentary Button to a Toggle Switch

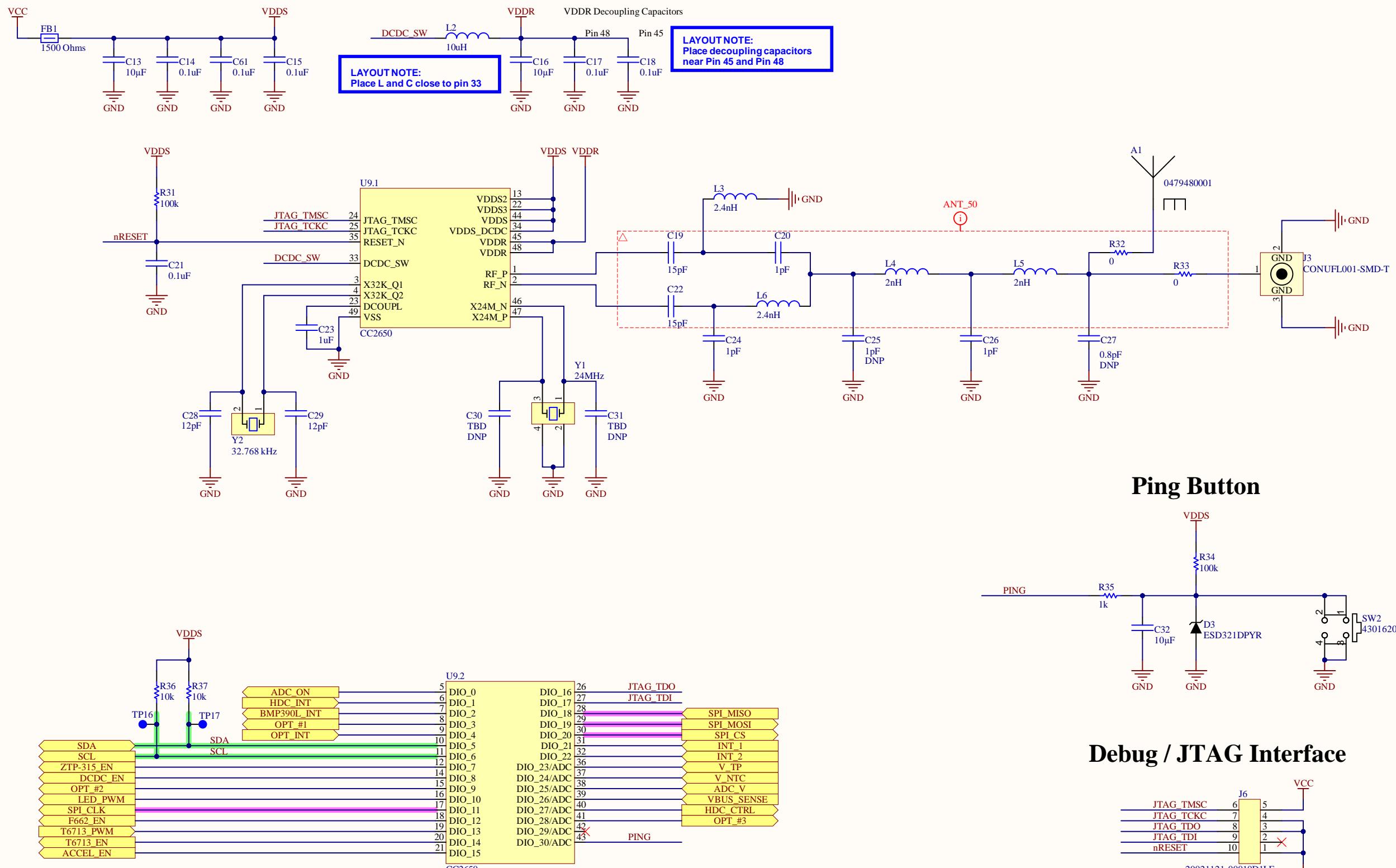


5V ORING



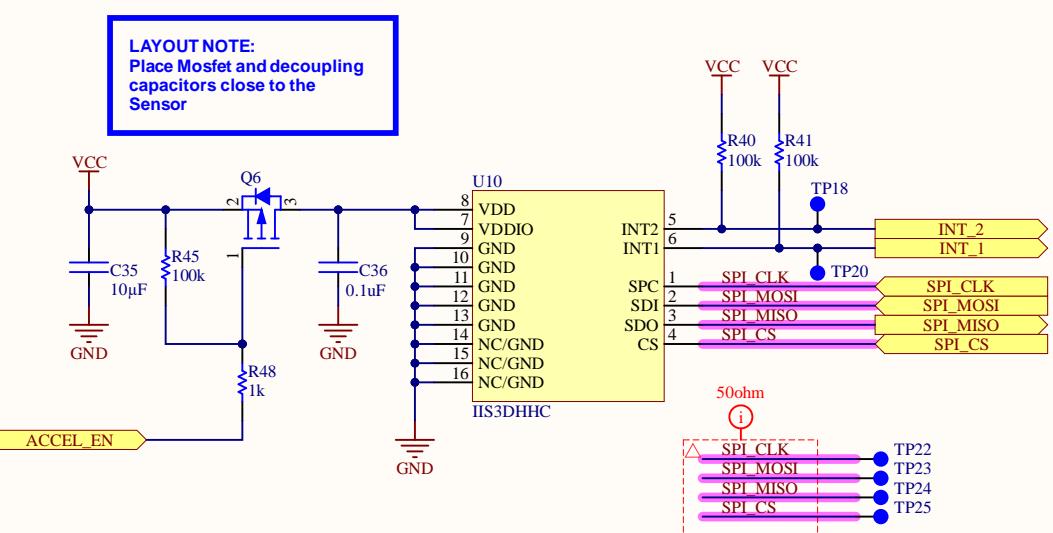
Project :	PLS001-SCH-001-R01		
File :	[5] POWER.SchDoc		
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# MCU CC2650

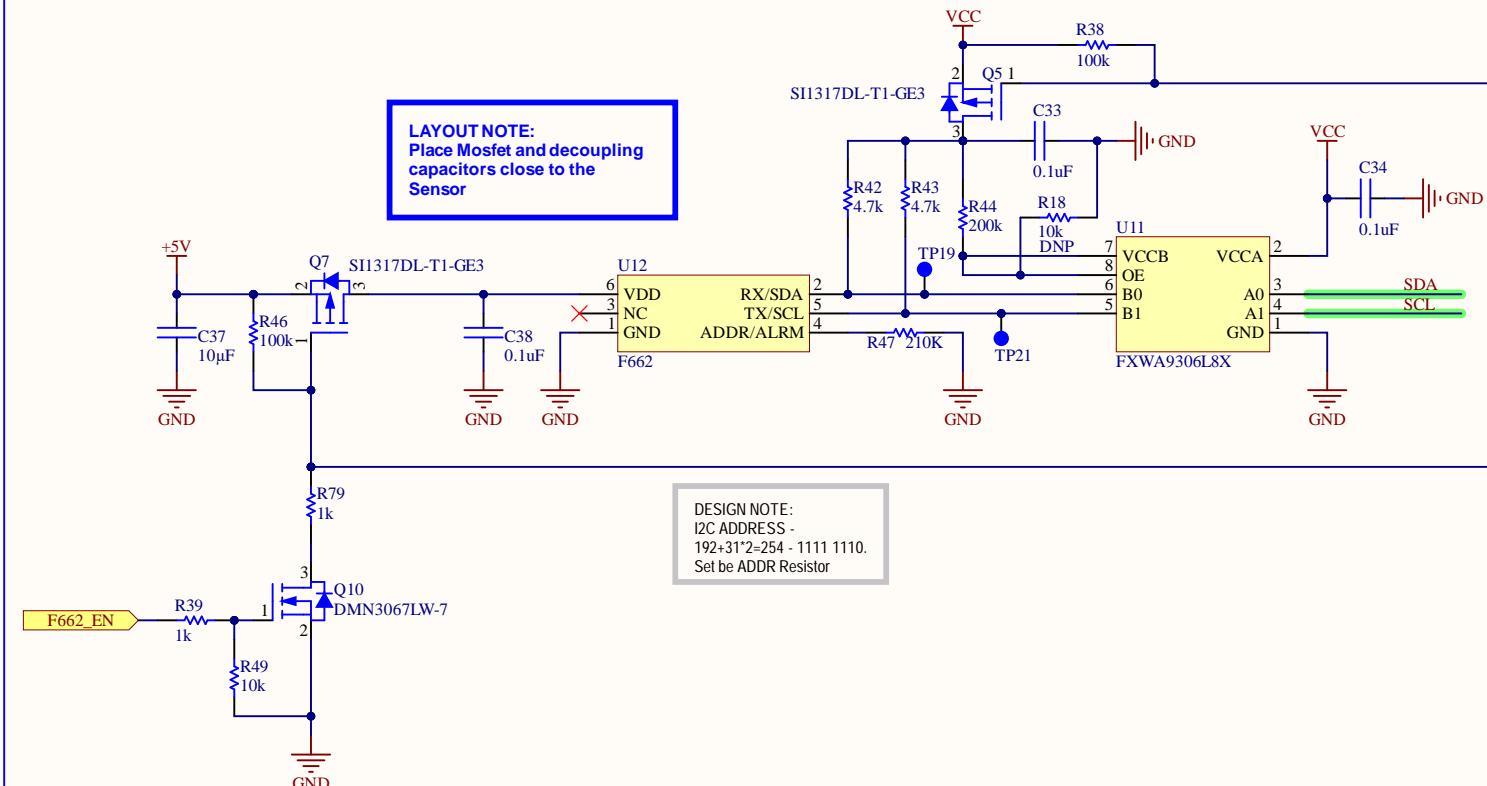


Project :	PLS001-SCH-001-R01		
File :	[6] MCU_CC2650.SchDoc		
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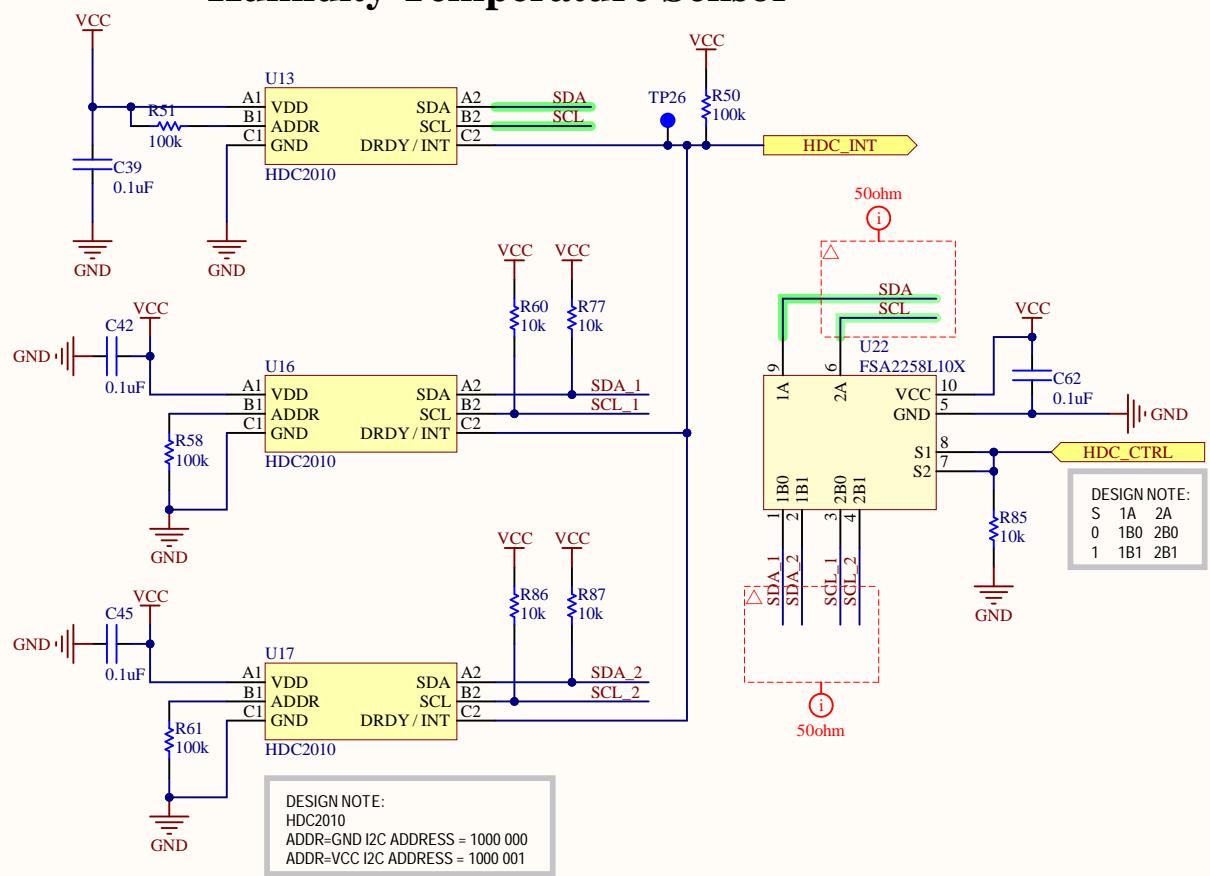
# Accelerometer



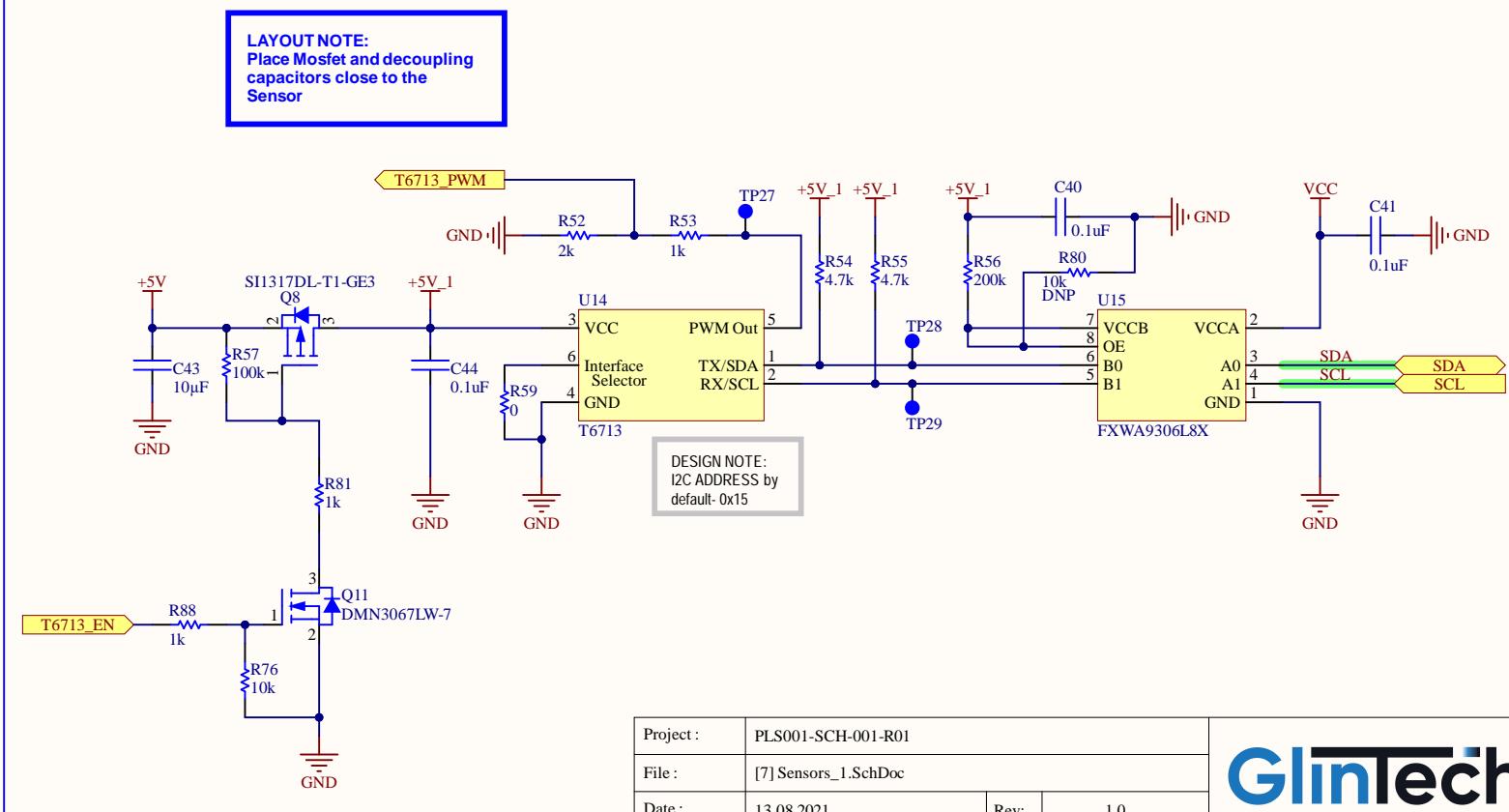
## Air Velocity and Temperature sensor



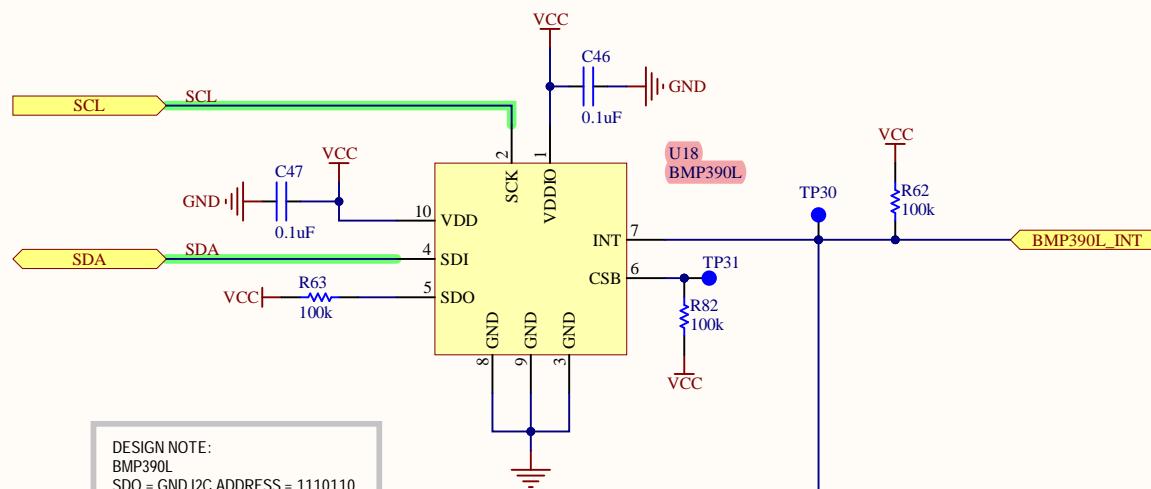
## **Humidity Temperature Sensor**



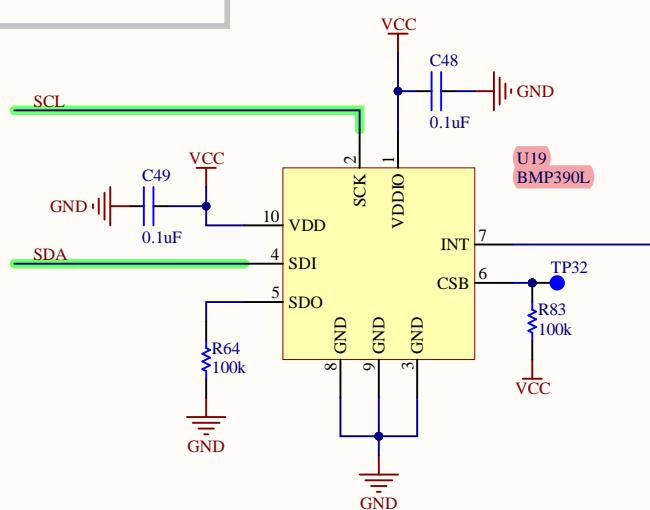
## Carbon Dioxide Sensor



A



B

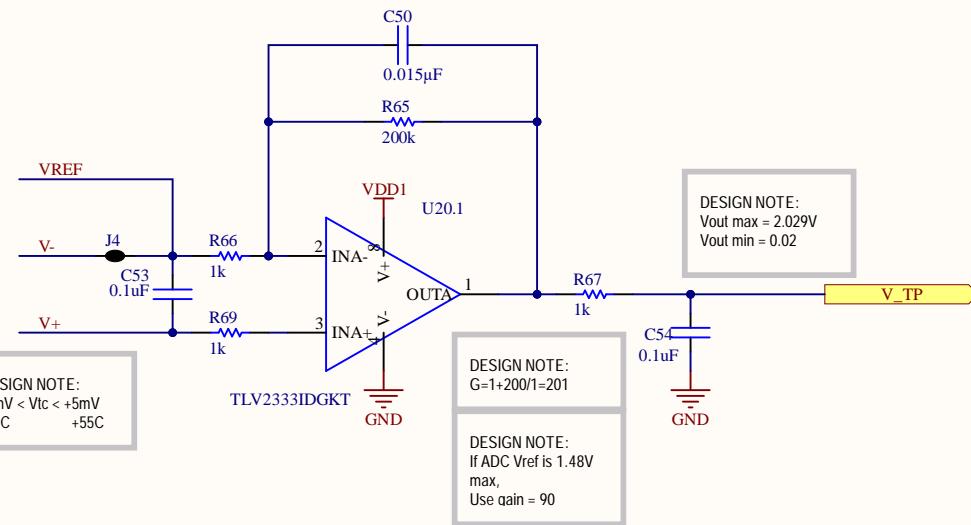
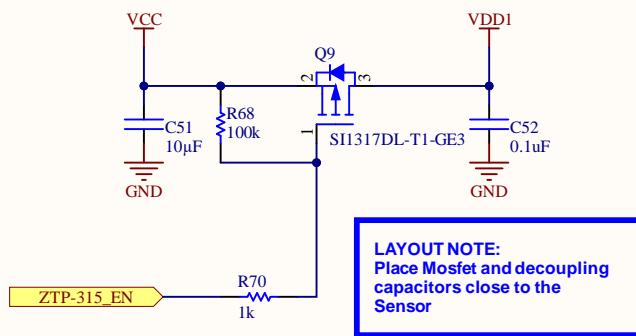


C

Project :	PLS001-SCH-001-R01		
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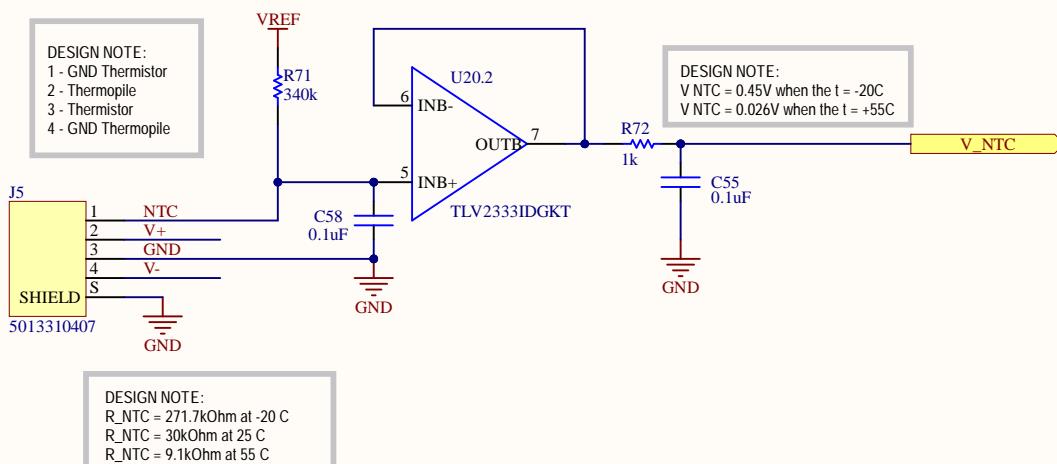
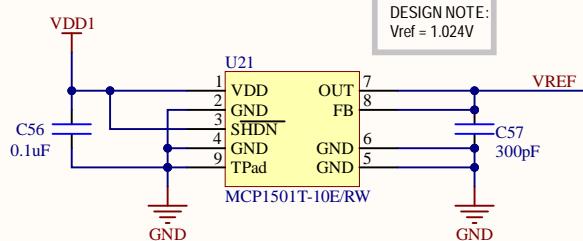
A

## Power Switch



B

## VREF IC



C

D

Project :	PLS001-SCH-001-R01		
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A

A

B

B

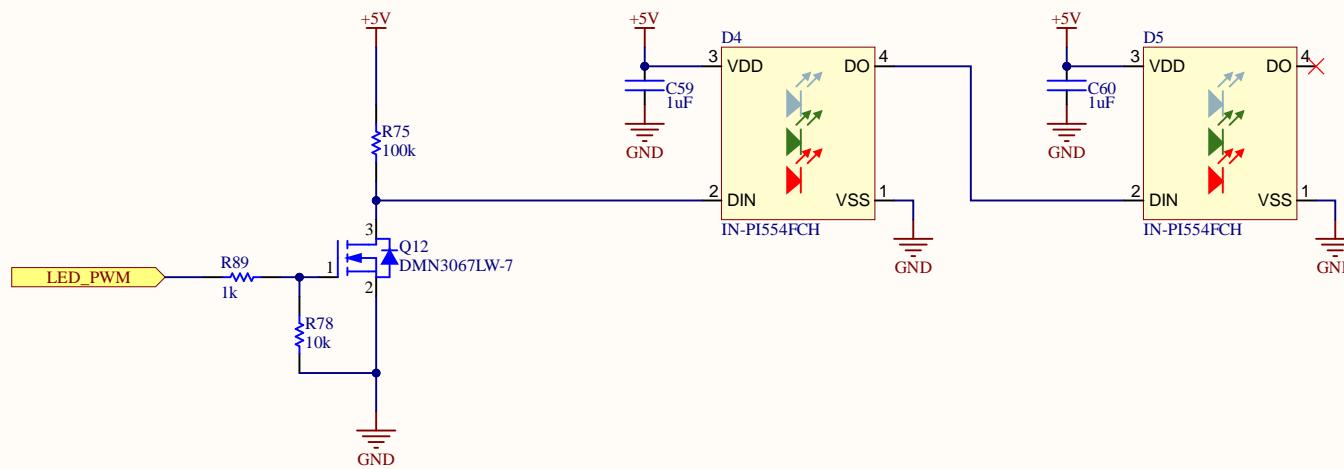
C

C

D

D

## RGB LED



Project :	PLS001-SCH-001-R01		
File :	[10] RGB_LED.SchDoc		
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Innovative Technology