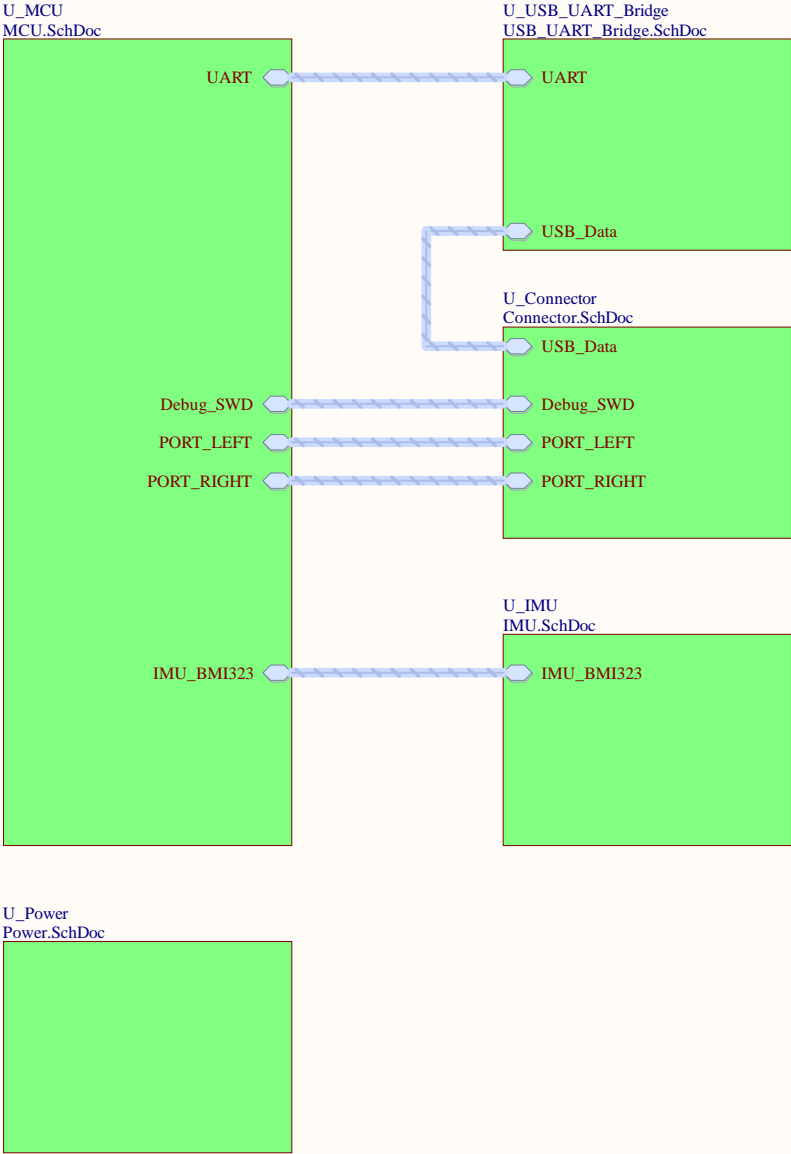
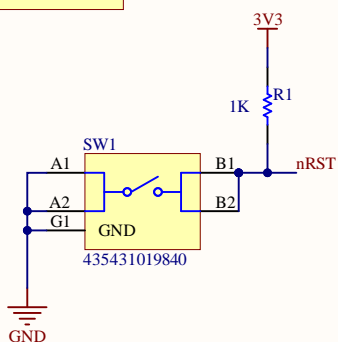
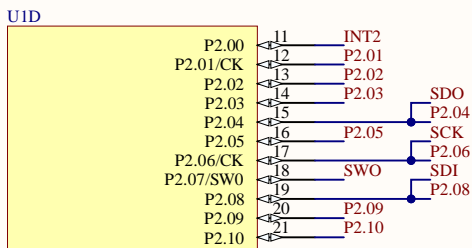
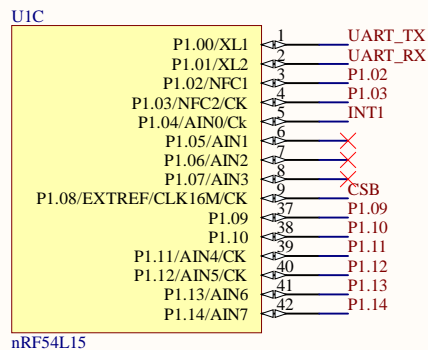
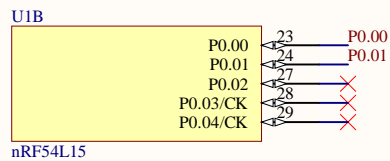
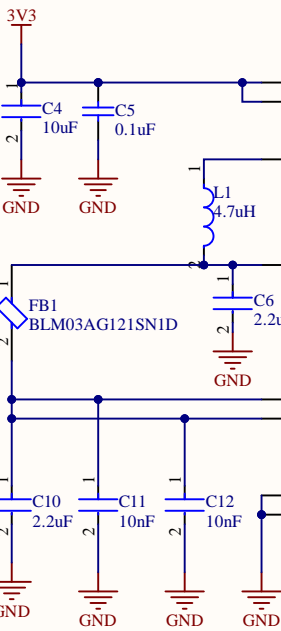


MCU Operating voltage: 3.3V  
I/O ref voltage: 3.3V  
Firmware: DFU over UART

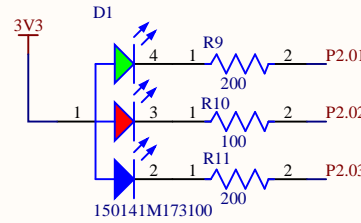


Title			nRF54L15 miniDevKit		
Size	Number		Revision		
A4	*		v1.0		
Date:	2.06.2025		Sheet1 of	6	
File:	C:\Users\...\Top-level.SchDoc		Drawn By:	Vamsi Krishna Sesham	

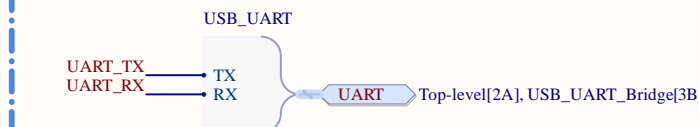
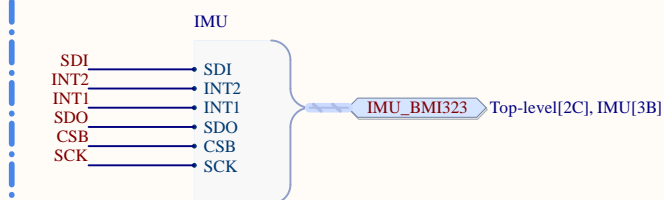
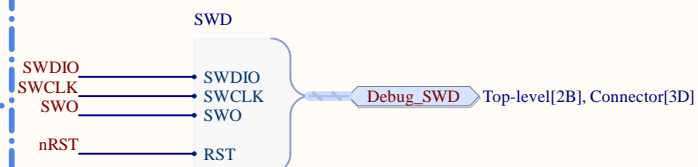
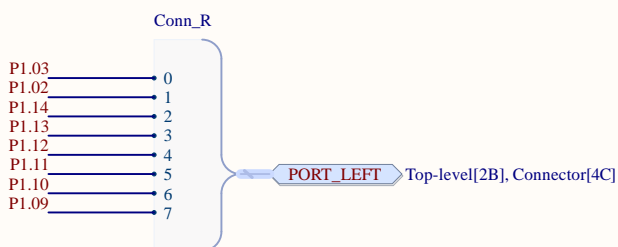
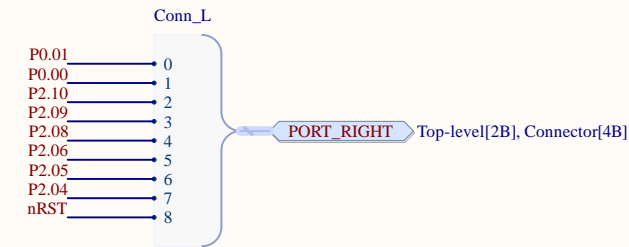
# MCU - nRF54L15



## RGB LED

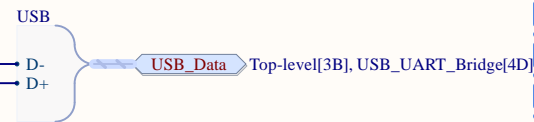
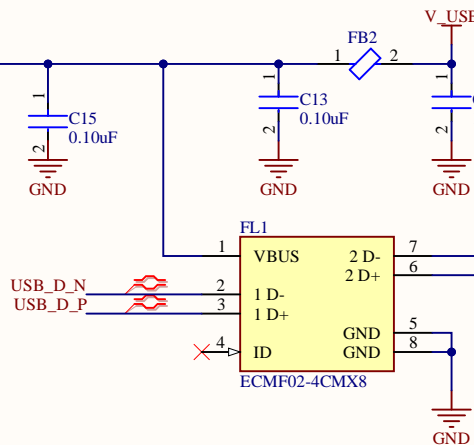
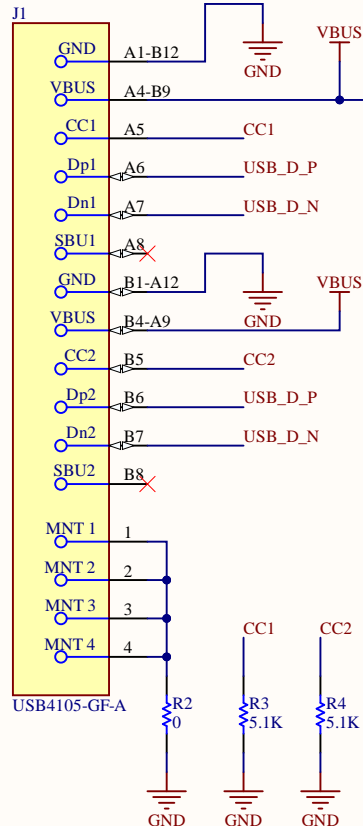


## Harness section

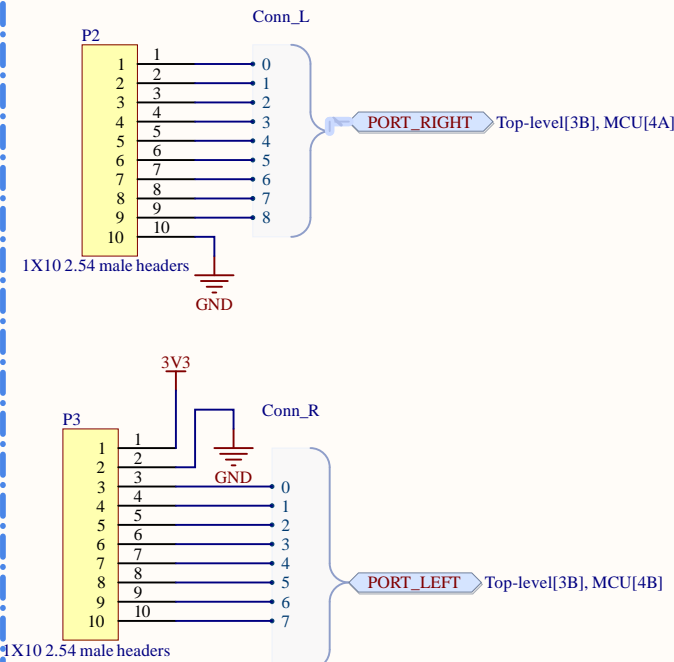


Title		
MCU		
Size	Number	Revision
A4	*	v1.0
Date:	2.06.2025	Sheet2 of 6
File:	C:\Users\...\MCU.SchDoc	Drawn By: Vamsi Krishna Sesham

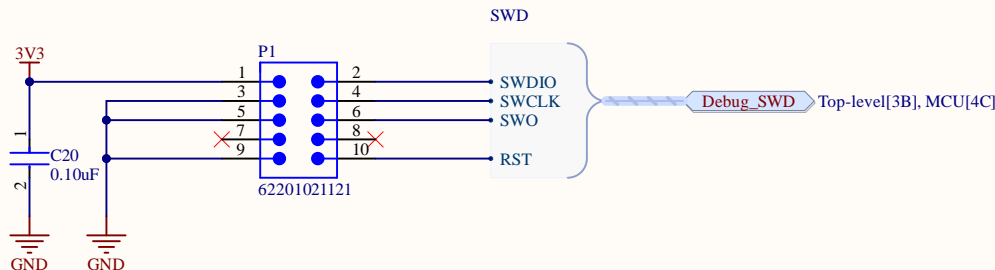
## USB-C Connector



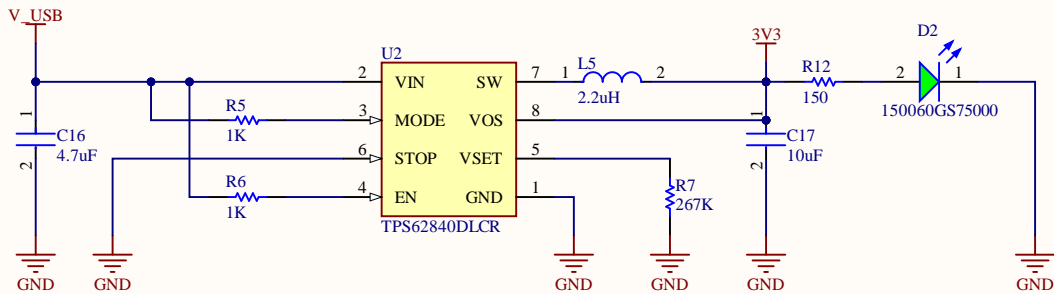
## Castellated ports



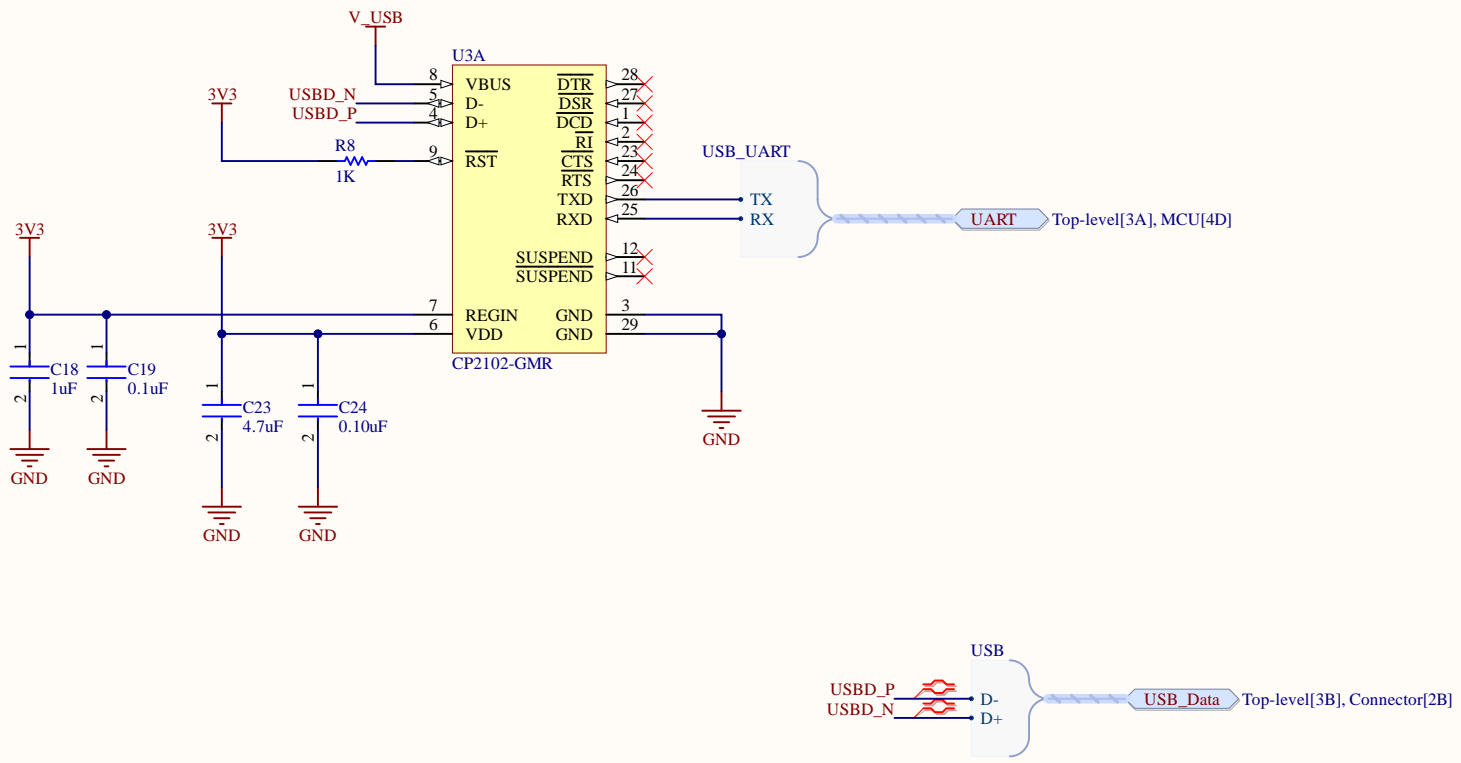
## SWD Header



Title			
Connector			
Size	Number	Revision	
A4	*	v1.0	
Date:	2.06.2025	Sheet3 of	6
File:	C:\Users\...\Connector.SchDoc	Drawn By:	Vamsi Krishna Sesham

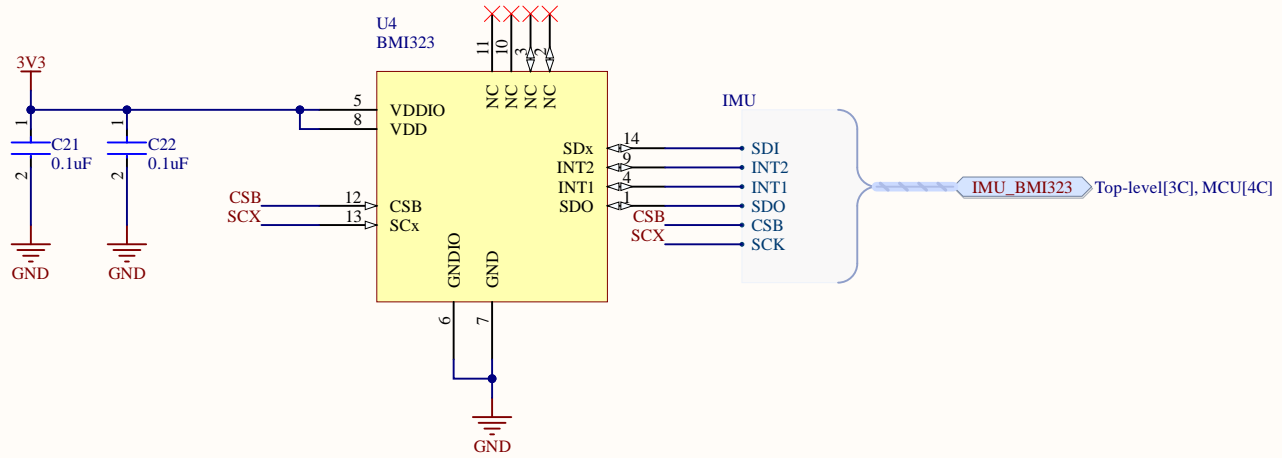


Title			
Power			
Size	Number	Revision	
A4	*	v1.0	
Date:	2.06.2025	Sheet4 of	6
File:	C:\Users\...\Power.SchDoc	Drawn By:	Vamsi Krishna Sesham



Title			
USB_UART			
Size	Number		Revision
A4	*		v1.0
Date:	2.06.2025		Sheet5 of 6
File:	C:\Users\...\USB_UART_Bridge.SchDoc		Drawn By: Vamsi Krishna Sesham

Communication protocol: SPI  
Interrupt 1: P1.04  
Interrupt 2: P2.00  
Chip select: P1.08



Title			
IMU			
Size	Number	Revision	
A4	*	v1.0	
Date:	2.06.2025	Sheet6 of	6
File:	C:\Users\...\IMU.SchDoc	Drawn By:	Vamsi Krishna Sesham