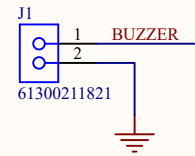
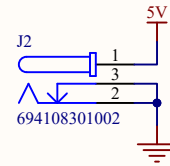


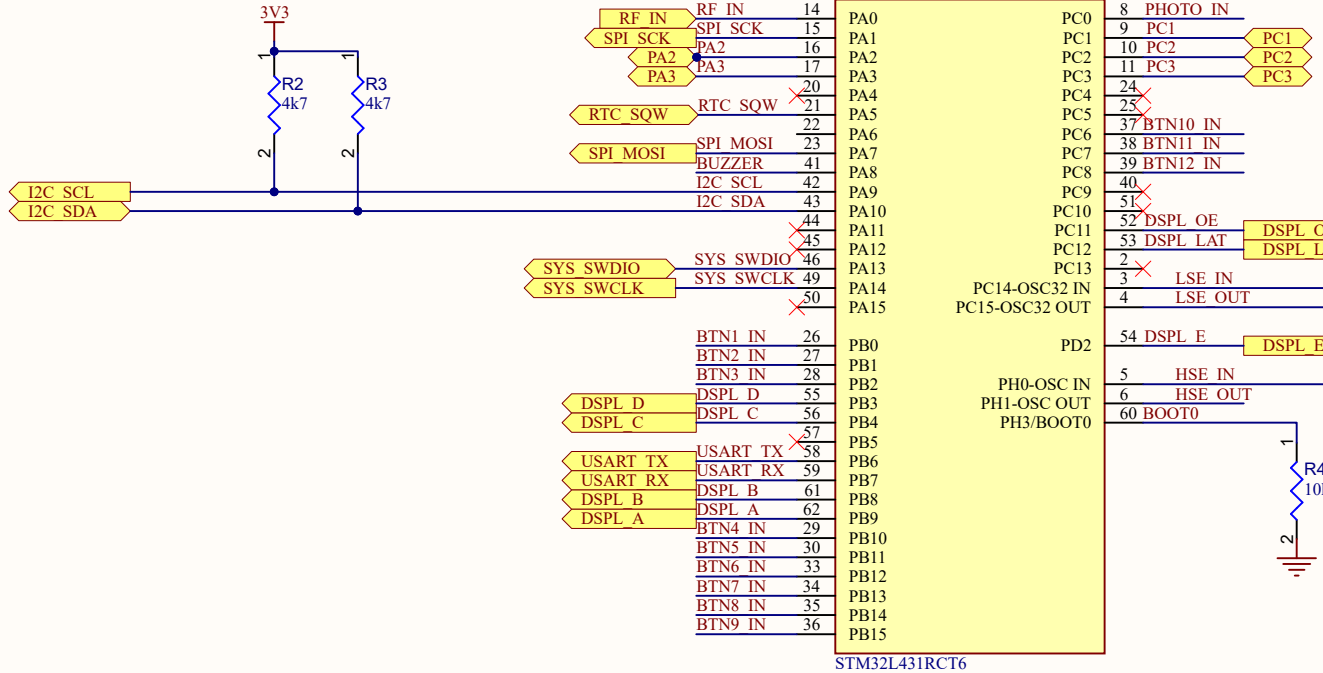
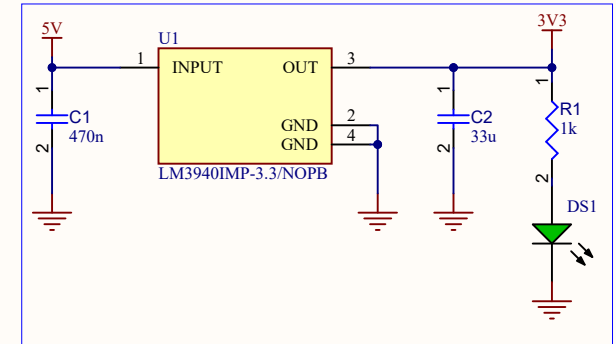
## Piezo Buzzer



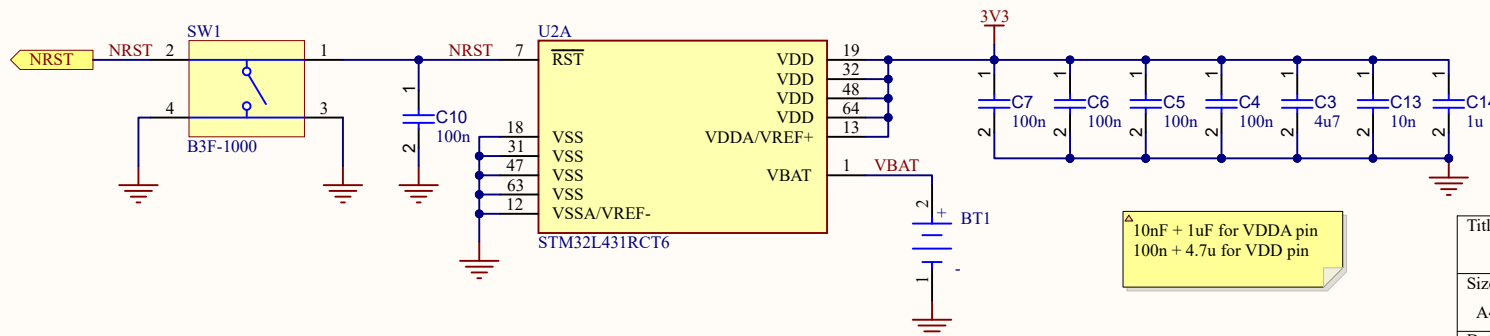
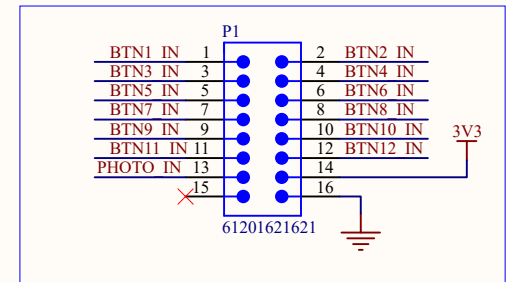
## Power In



## 5V to 3V3 Converter



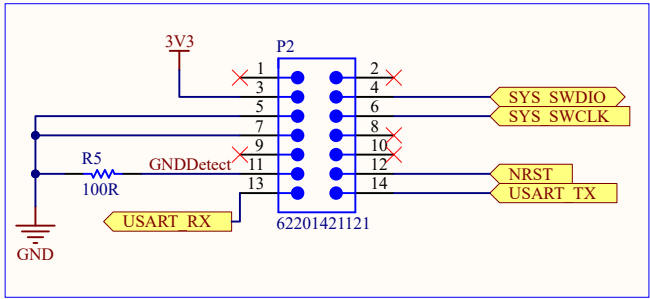
## Peripherals



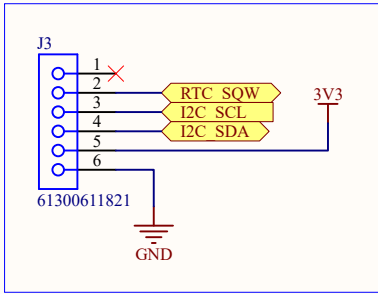
A 10nF + 1uF for VDDA pin  
100n + 4.7u for VDD pin

Title		
STM32L431RCT6 MCU Connections		
Size	Number	Revision
A4		Rev1
Date:	2-22-2024	Sheet 1 of 2
File:	C:\Users\...\STM32 Rev1.SchDoc	Drawn By: Matthew Kozlowski

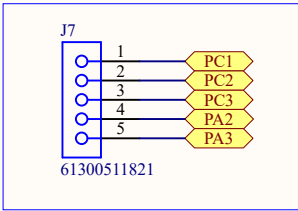
SWD Header



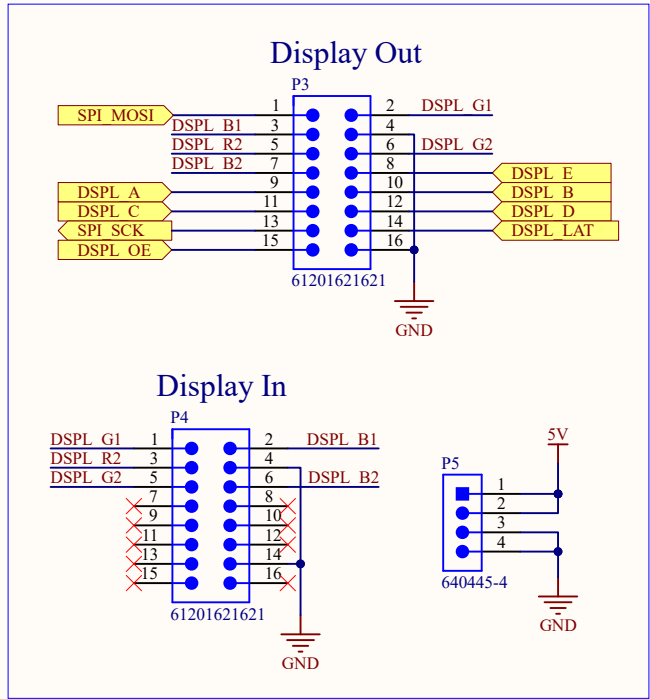
RTC DS3231 Module Header



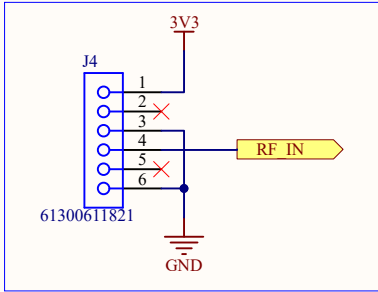
External GPIOs



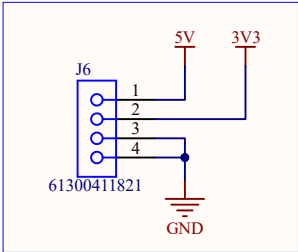
RGB P3 MATRIX Headers



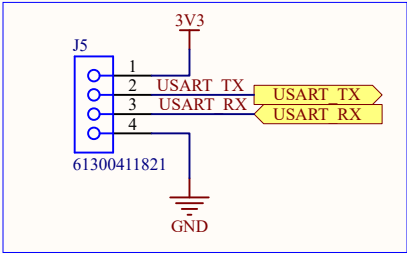
Canaduno RF Module



Power Header



NE0-6MV2 Module Header



Title		
Header Connctions		
Size	Number	Revision
A4		Rev1
Date:	2-22-2024	Sheet 2 of 2
File:	C:\Users\...\External Headers Rev1.SchDocDrawn By: Matthew Kozlowski	