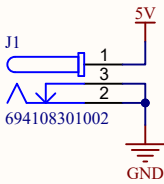
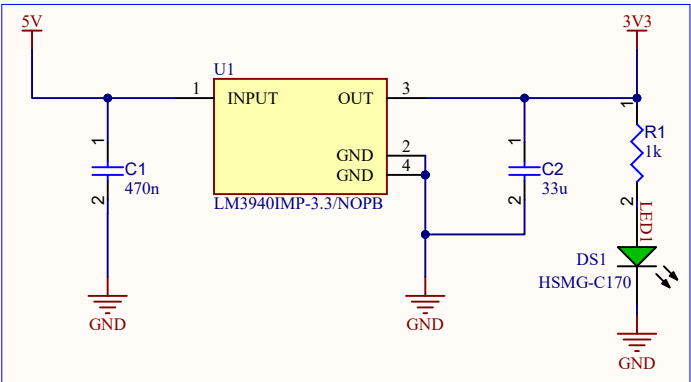


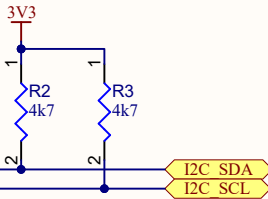
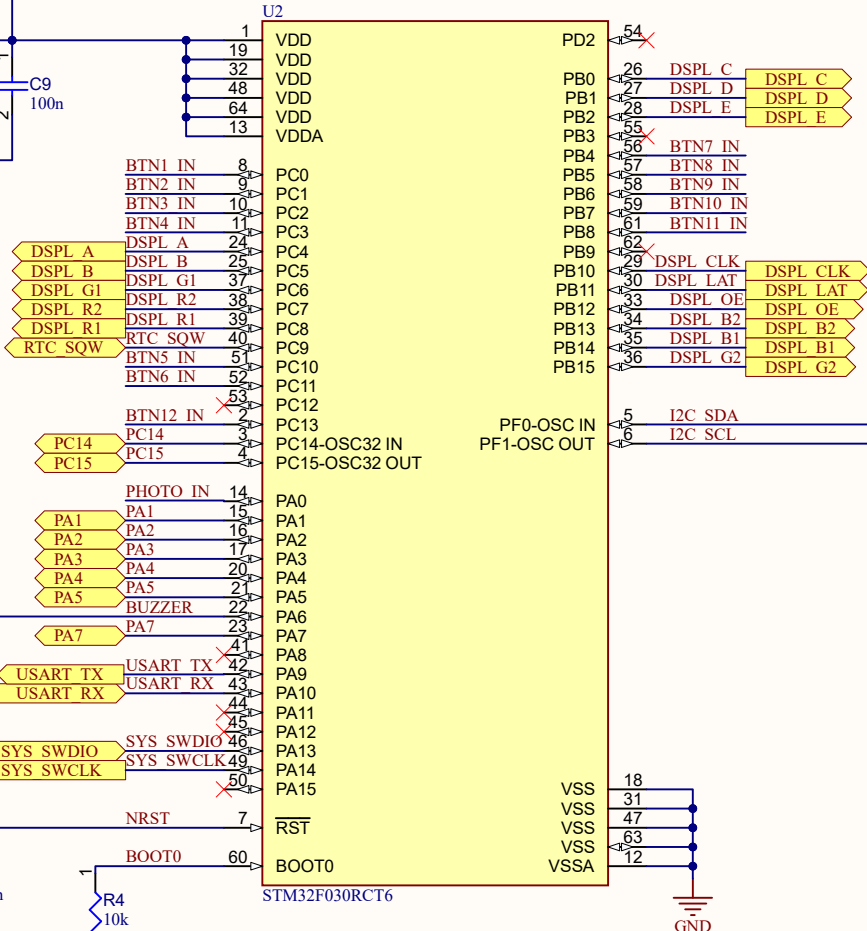
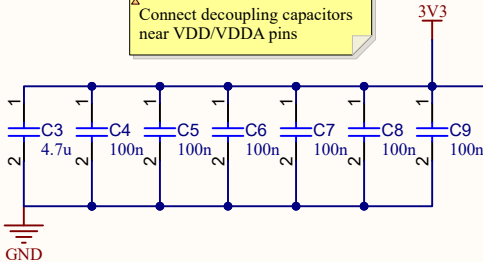
Power In



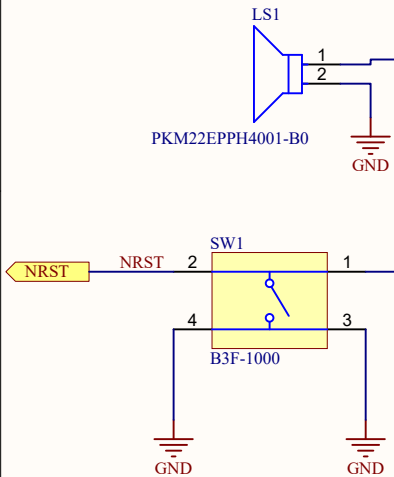
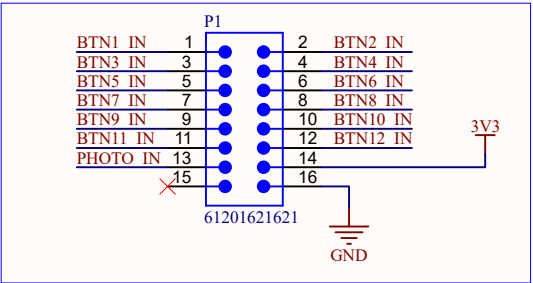
5V to 3V3 Converter



Connect decoupling capacitors near VDD/VDDA pins

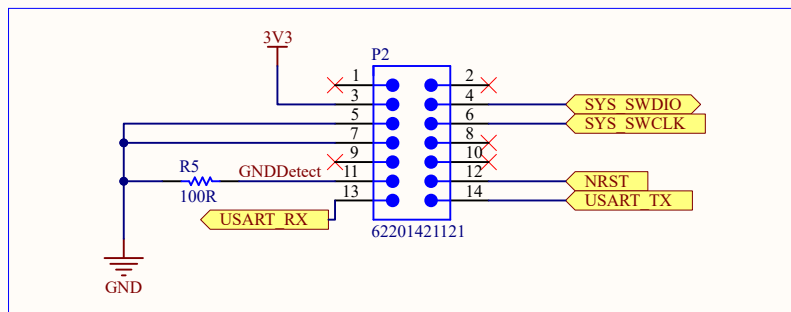


Peripherals

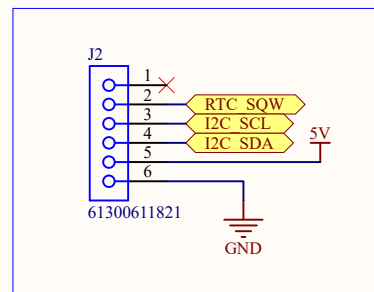


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STM32F030RCT6 MCU Connections		
Size	Number	Revision
A4		RevA
Date:	12-05-2023	Sheet 1 of 2
File:	C:\Users\...\STM32.SchDoc	Drawn By: Matthew Kozlowski

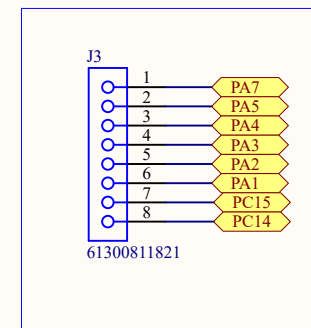
SWD Header



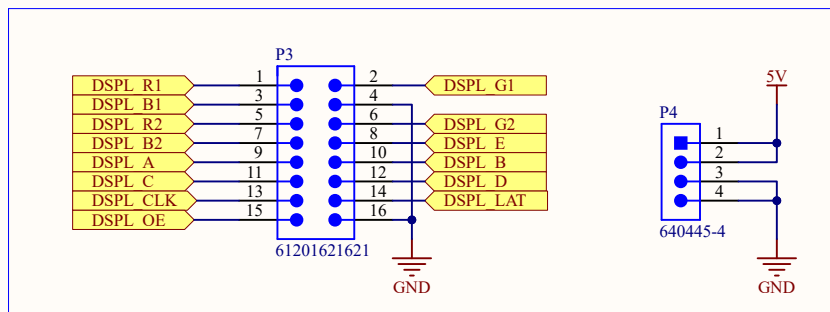
RTC DS3231 Module Header



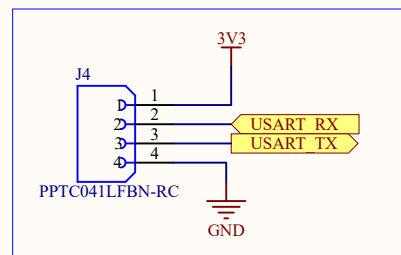
External GPIOs



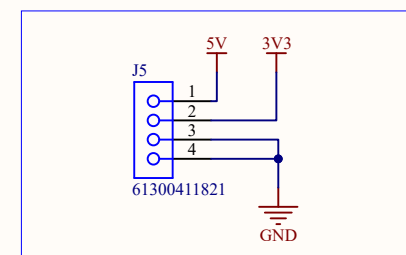
RGB P3 MATRIX Headers



NE0-6MV2 Module Header



Power Header



Title Header Connctions			
Size A4	Number		Revision RevA
Date:	12-05-2023		Sheet 2 of 2
File:	C:\Users\...\External Headers.SchDoc		Drawn By: Matthew Kozlowski