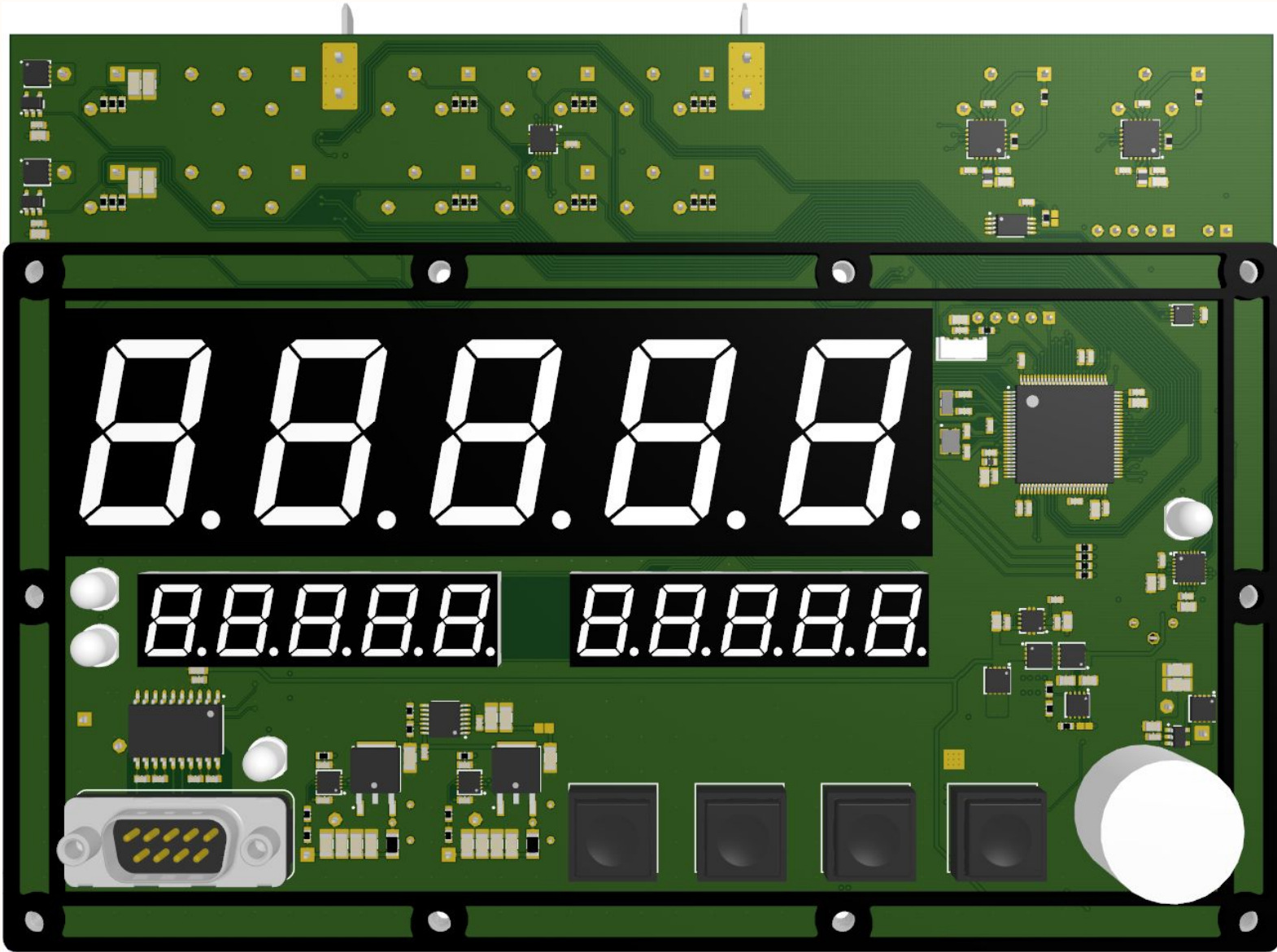
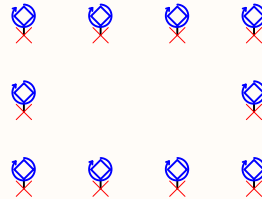


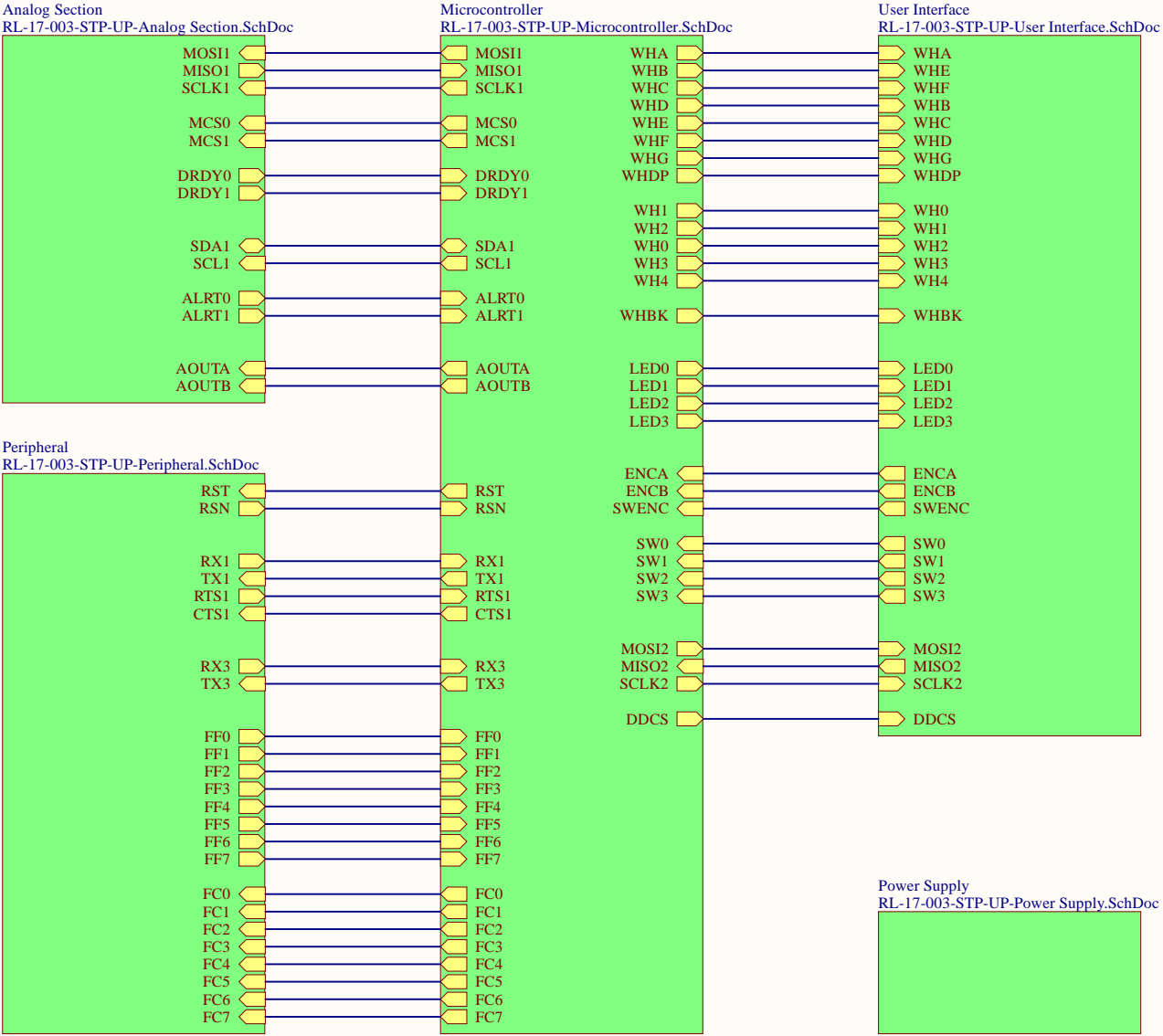
PCB Preview



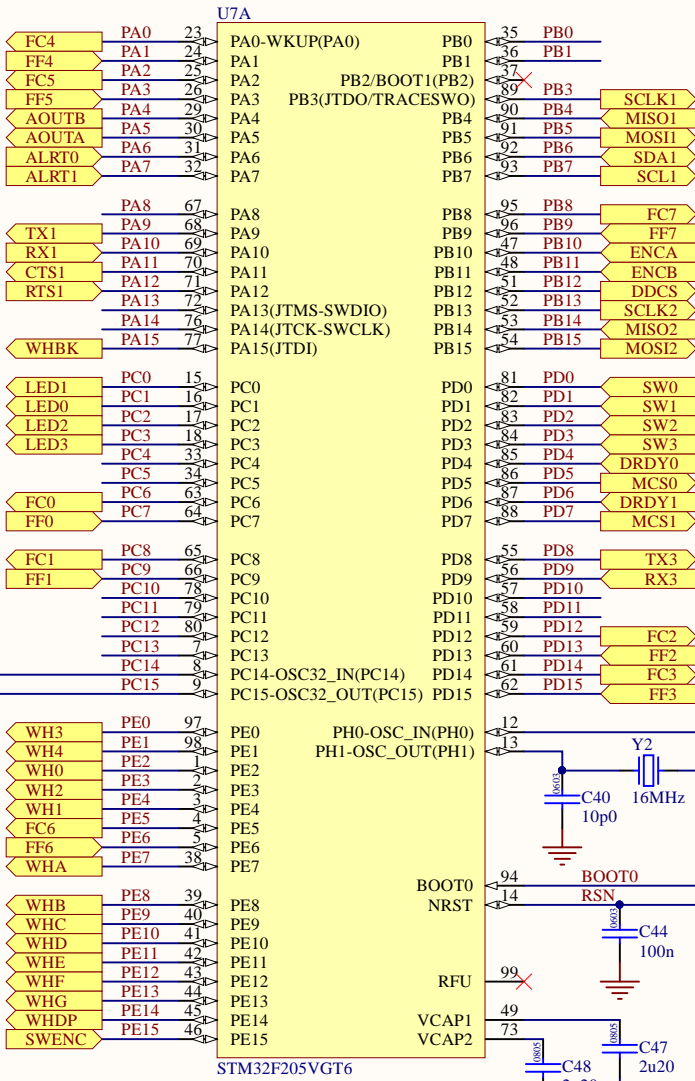
M3 SMD Terminals



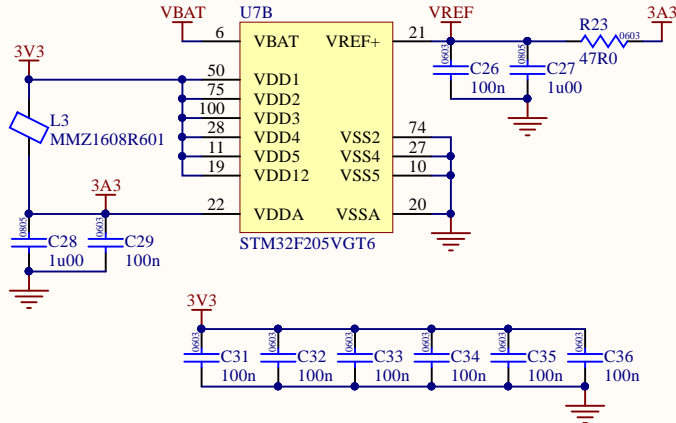
Connection Diagram



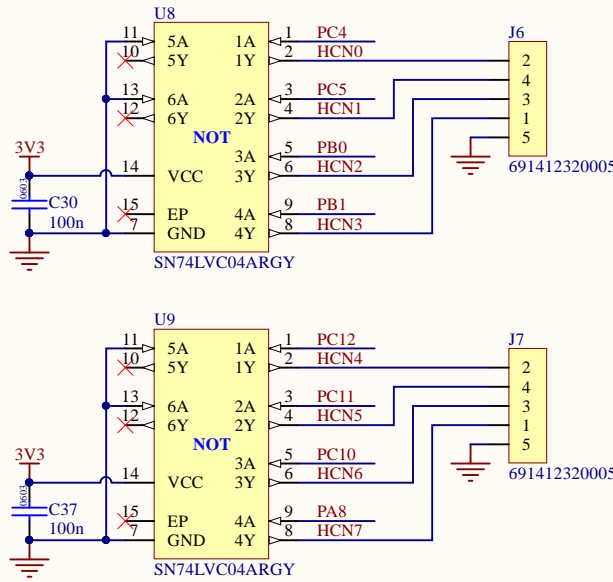
Microcontroller



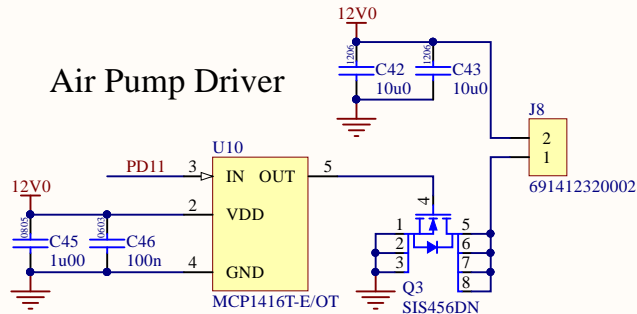
MCU Supply



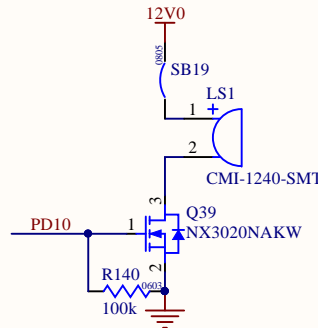
Heating/Cooling Control



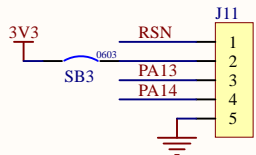
Air Pump Driver



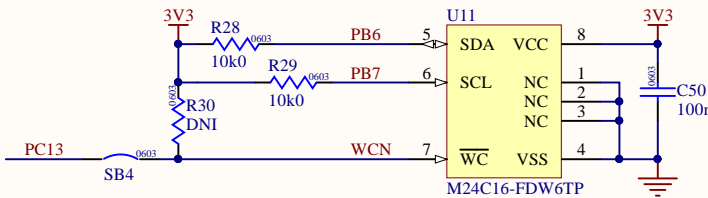
Buzzer



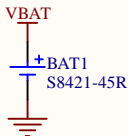
SWD Programming Interface



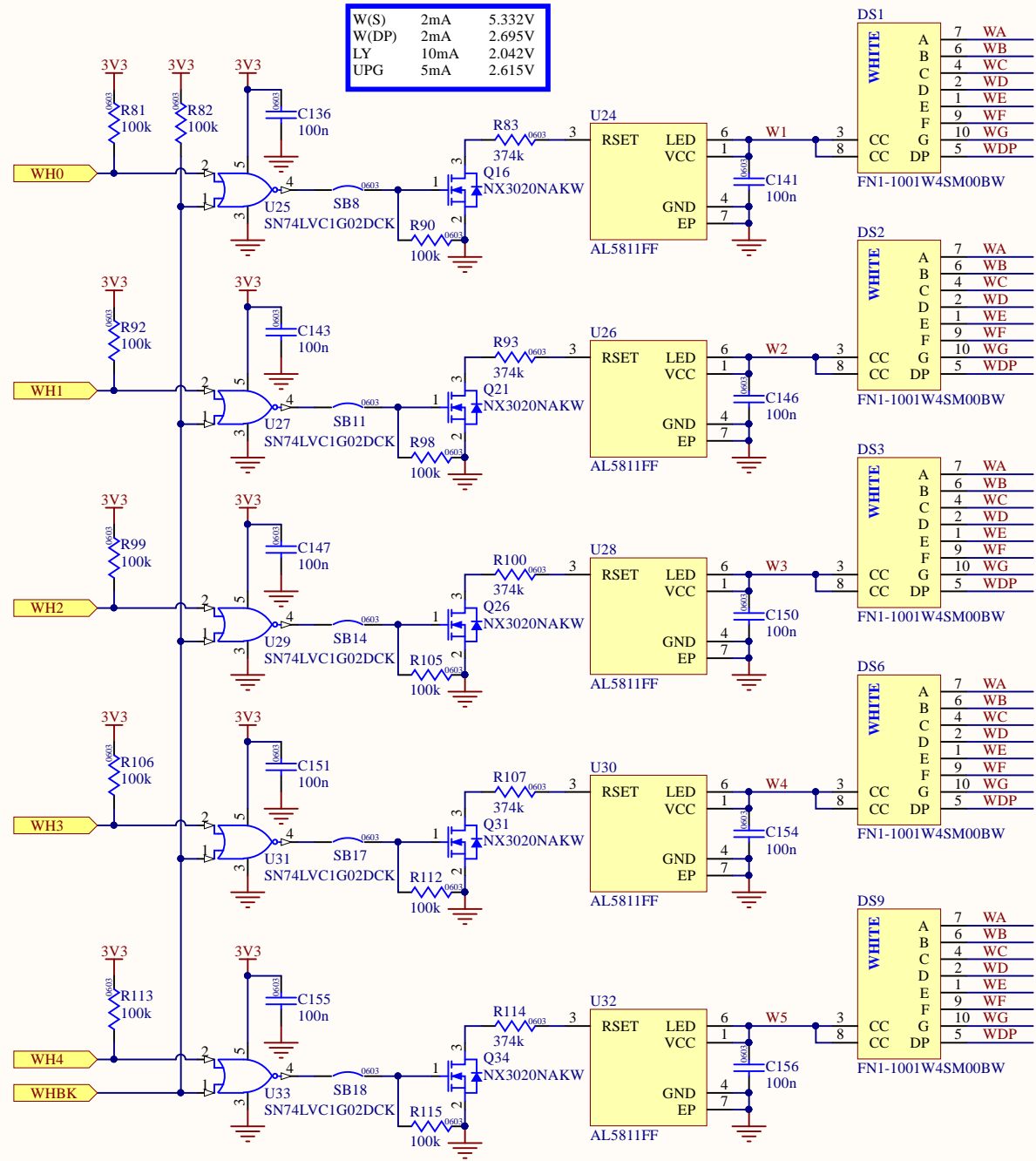
16kb EEPROM



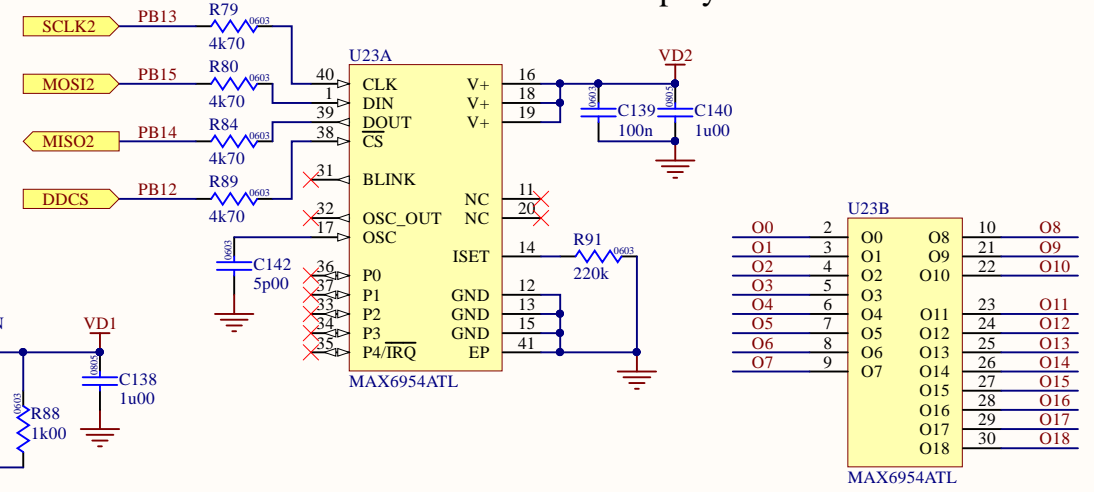
Backup Battery



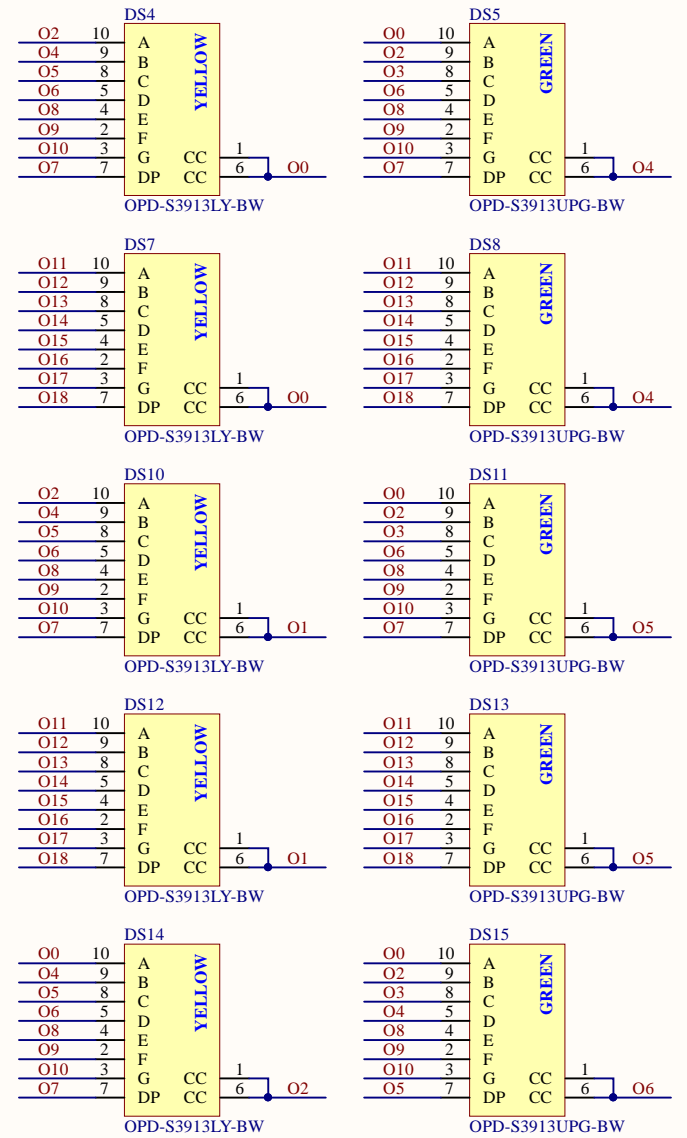
White 7-Segment Display and Driver



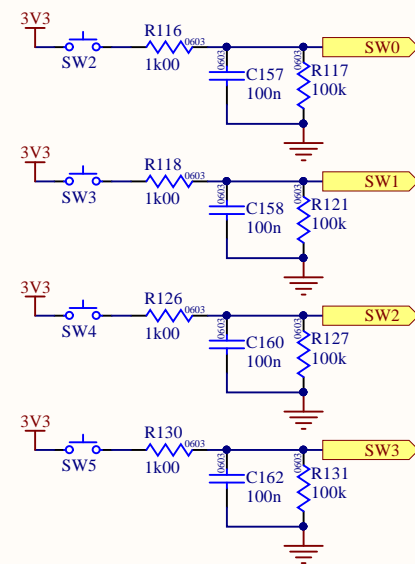
Serial Display Driver



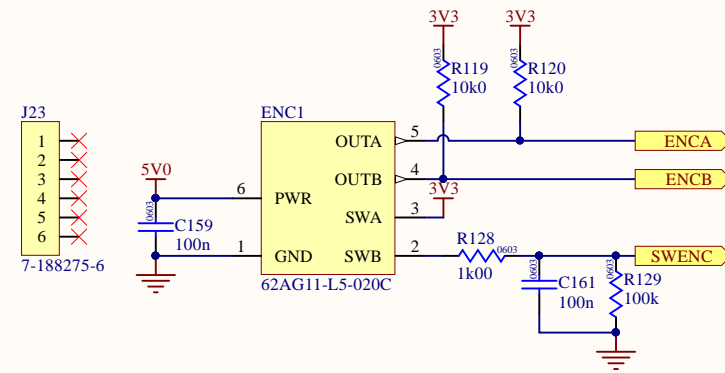
Colour 7-Segment Segment Displays



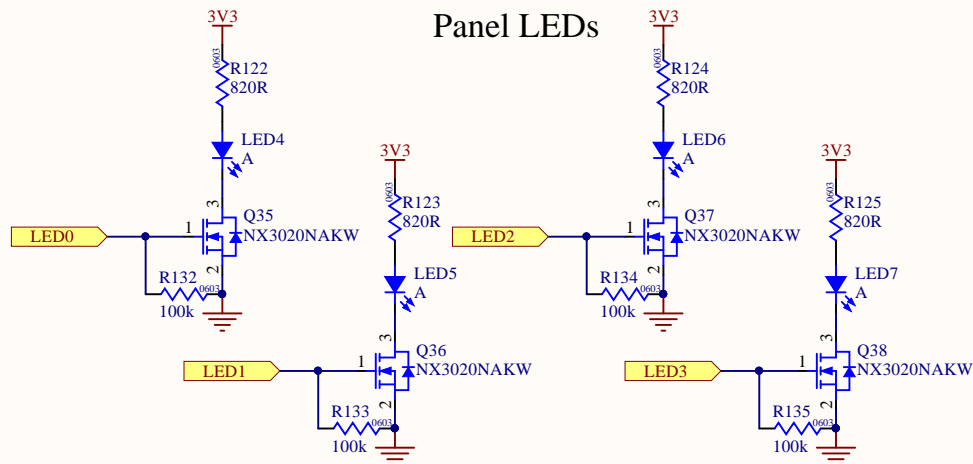
Panel Buttons



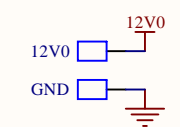
Optical Quadrature Encoder



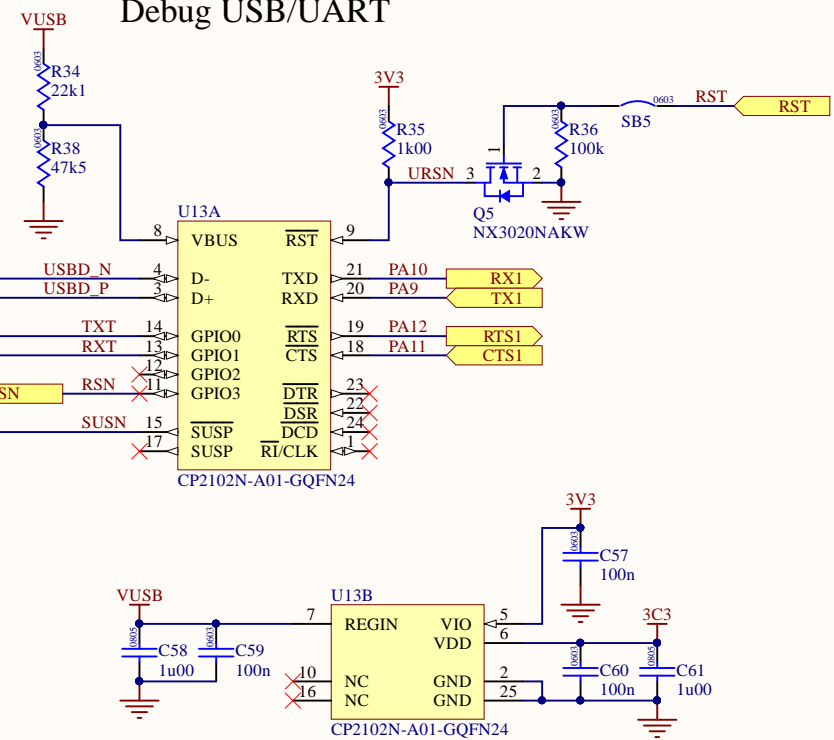
Panel LEDs



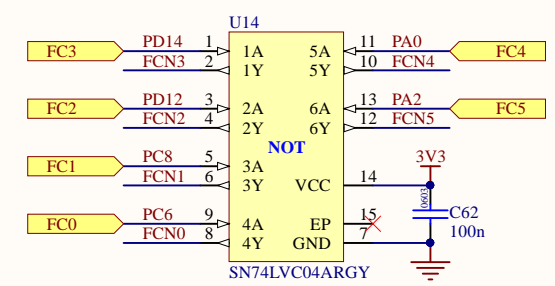
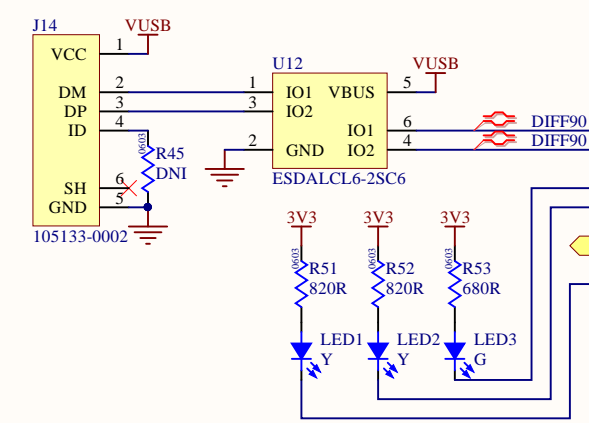
Unprotected Power Supply Input



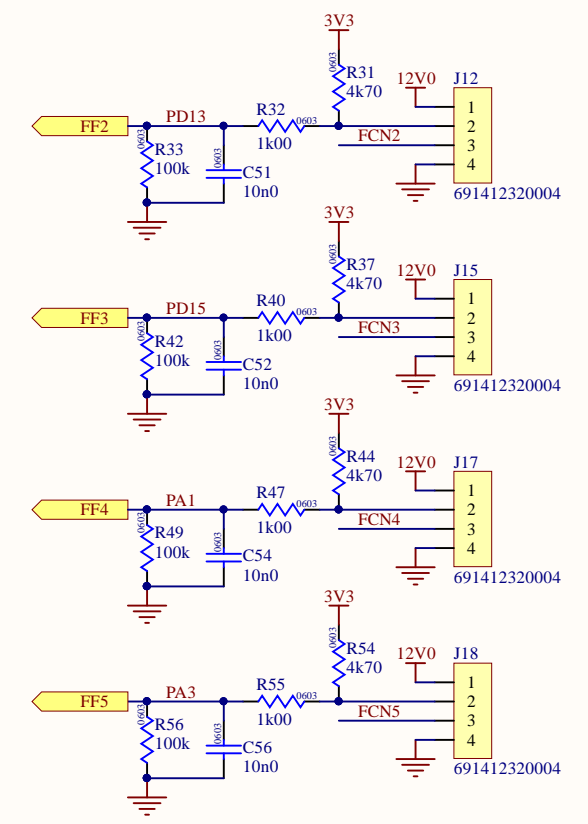
Debug USB/UART



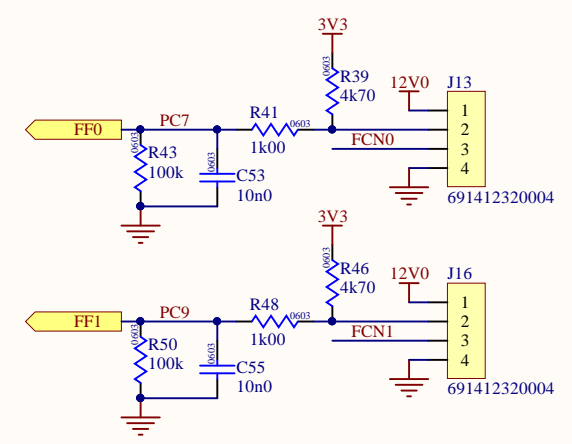
Micro USB B



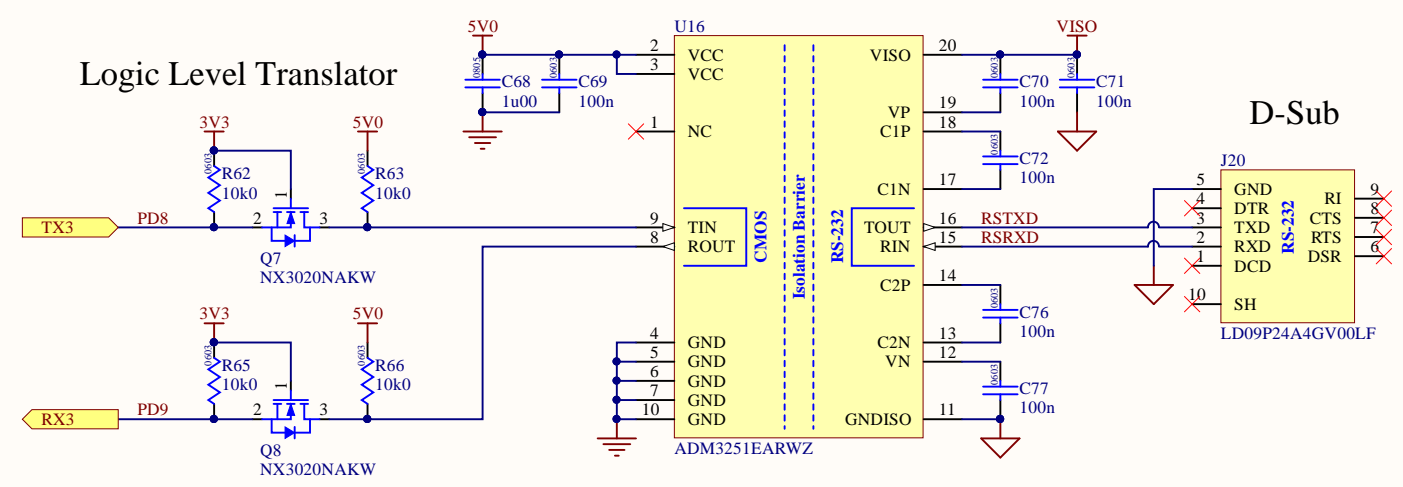
External Chamber Fans



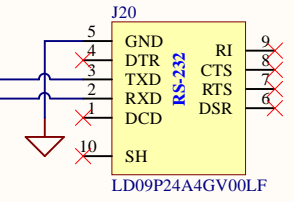
Regulator Cooling Fans



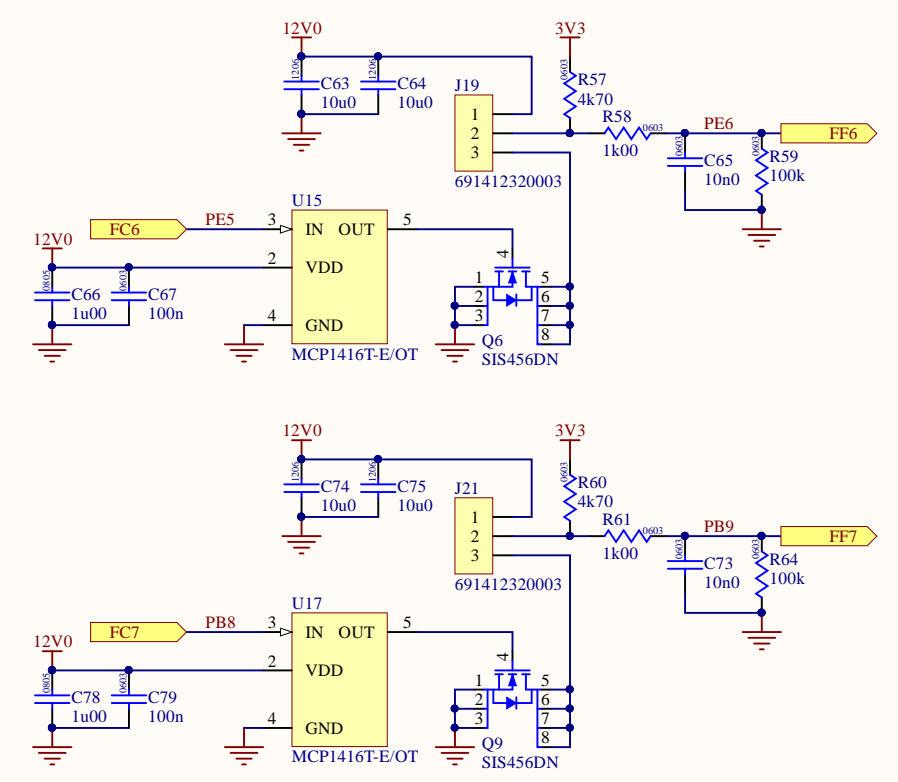
Isolated RS-232



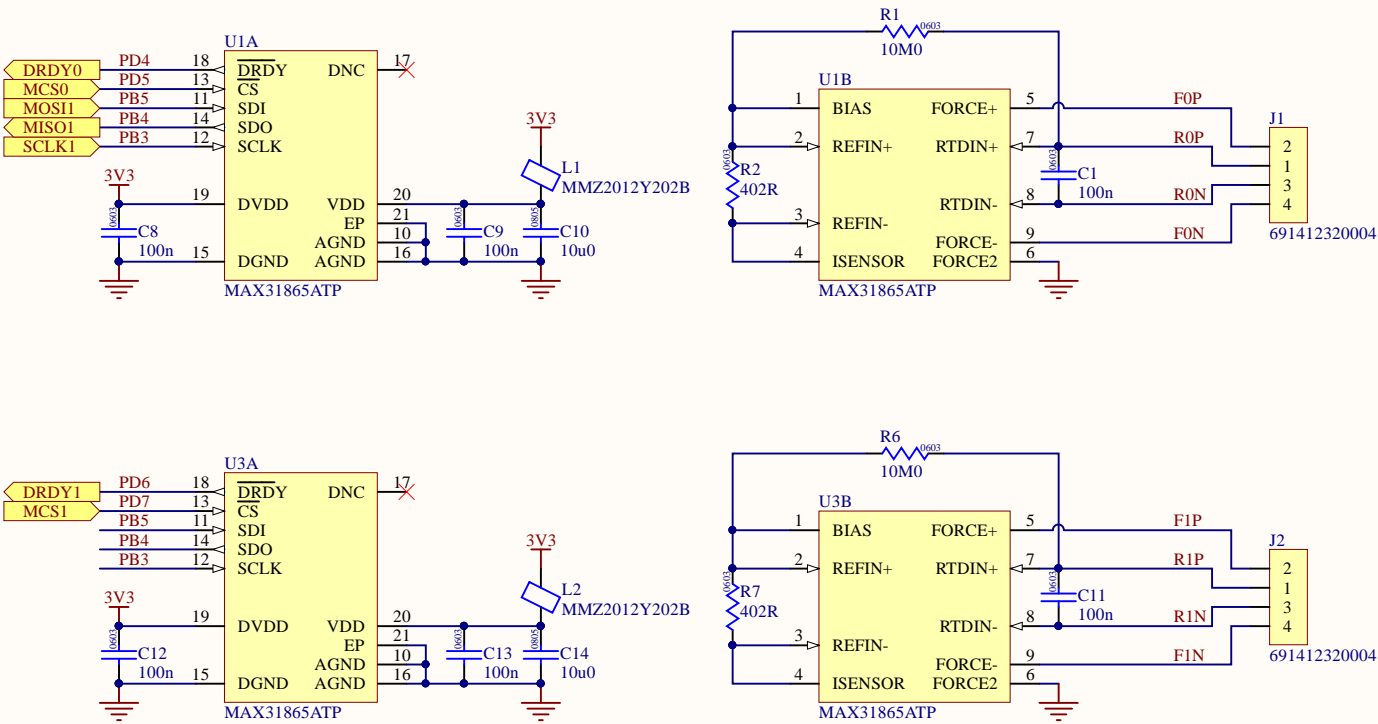
D-Sub



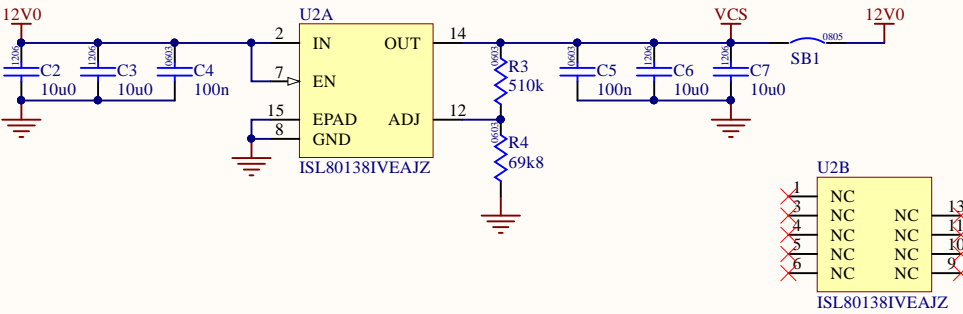
Internal Chamber Fans



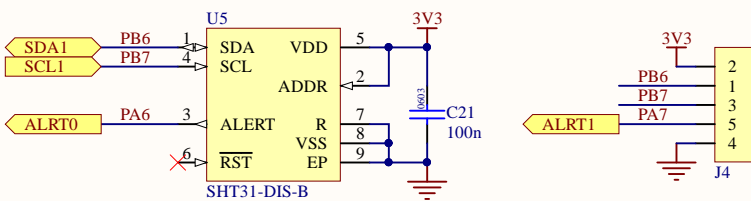
RTD to Digital Converters



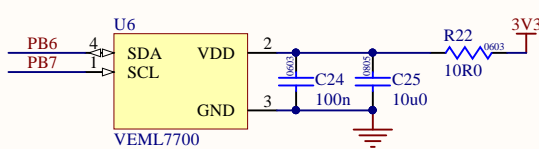
Optional Adjustable Regulator



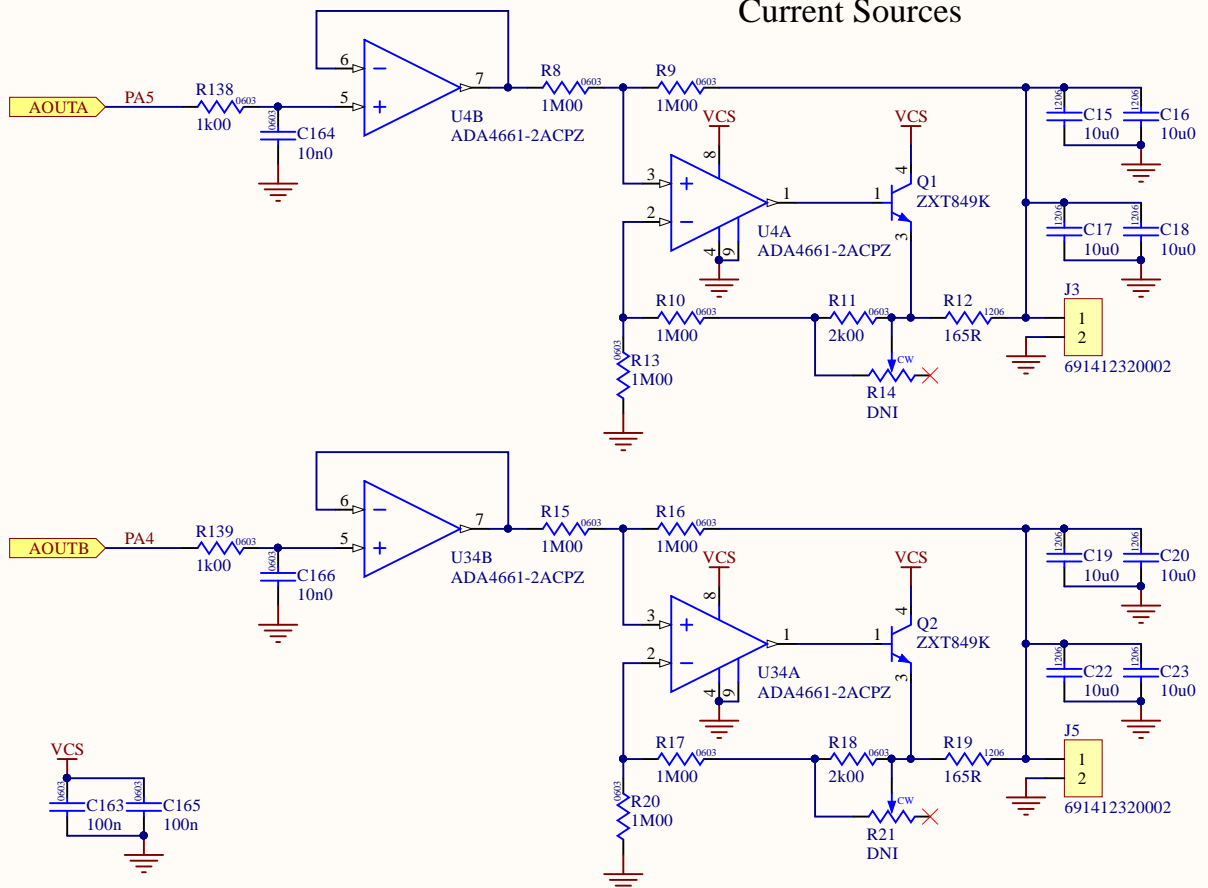
Temperature and Humidity Sensor



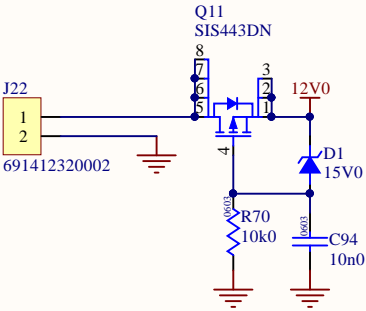
Ambient Light Sensor



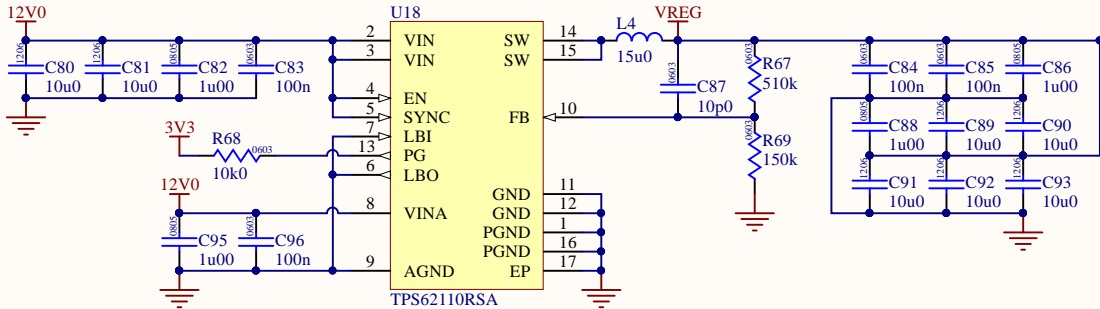
Current Sources



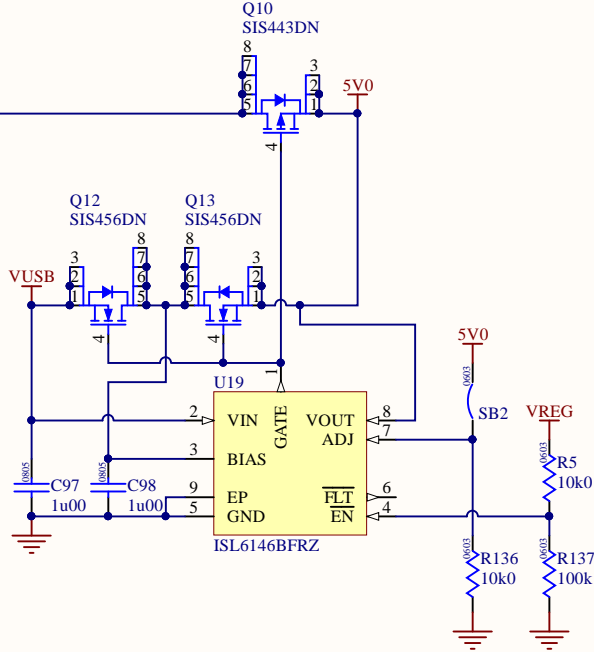
Protected Power Supply Input



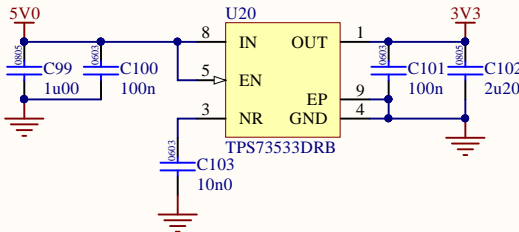
5V0 Switching Regulator



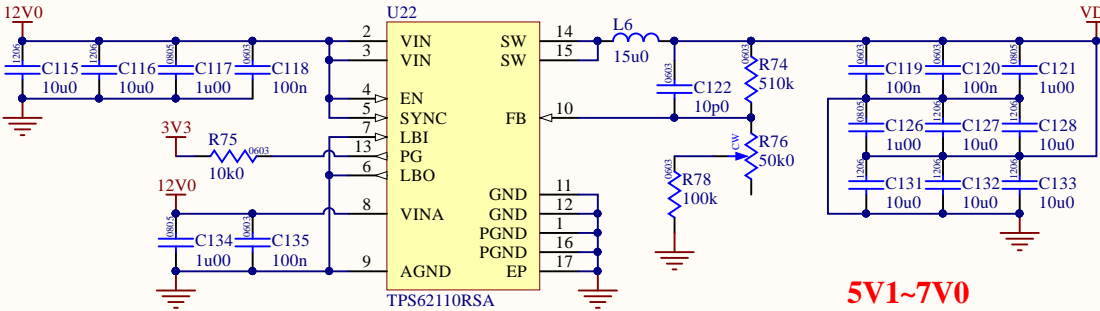
Switchover Circuit



3V3 Linear Regulator



White Display Power Supply



Colour Display Power Supply

