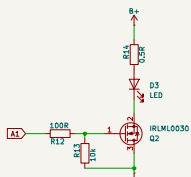
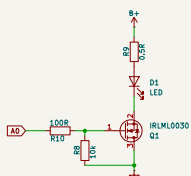
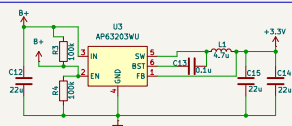
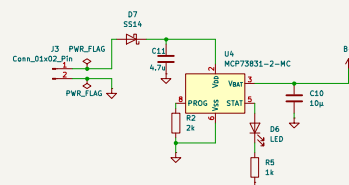
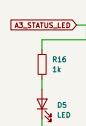
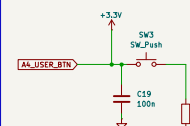
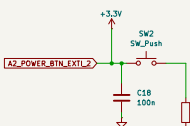
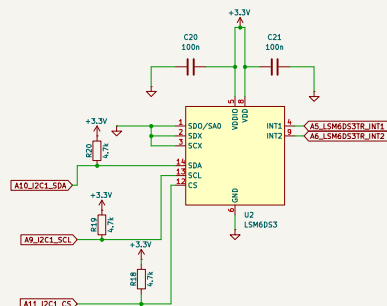
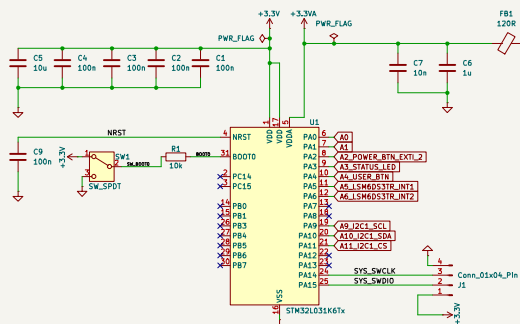


## POWER SUPPLY



The schematic diagram illustrates the power and reset circuitry for the STM32L031K6Tx microcontroller. The power supply section features a +3.3V regulator (U1) with decoupling capacitors C1 through C7. The reset circuit (NRST) includes a pull-up resistor R1 and a push-button SW1. The microcontroller (U2) is connected to various pins, including PA0-PA15, PB0-PB7, and PC14-PC15. The board is labeled 'STM32L031K6Tx' and 'Conn\_01a04\_Pin'.



X0	
Sheet: /	
File: UVCleanPCB.kicad_sch	
Title: UVC disinfection PCB	
Size: A3	Date: 2025-02-17
KiCad E.D.A. 8.0.5	Rev: 0.1 Id: 1/1