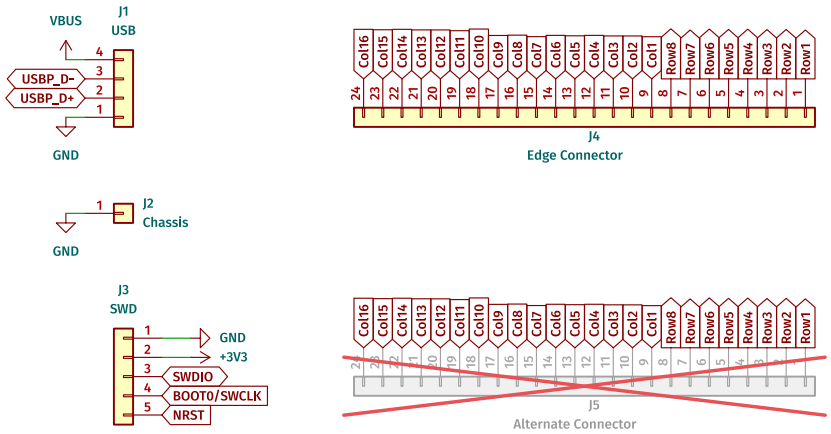
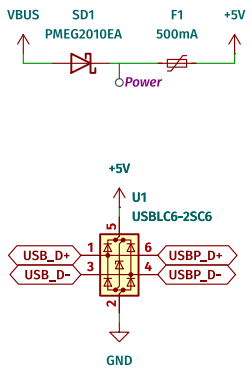
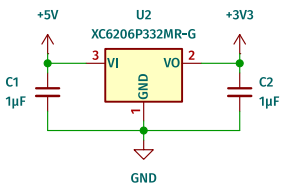
External Connections



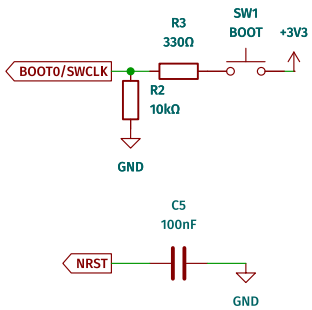
Protection



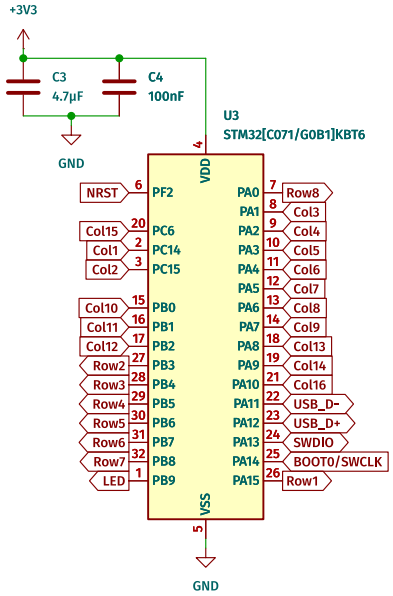
Power



Boot & Reset



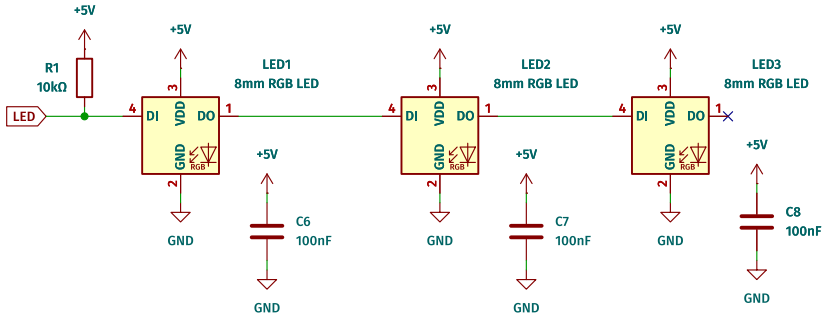
MCU



Pin Notes

PC14 PC15	Per DS13560 (Table 12), STM32G0B1 pins PC13-15 can only source limited current (3mA). However, unlike other STM32 chips, these pins can sync current in output mode. This means there should be no limitation on use within a keyboard matrix. To be safe we still only use these as columns (columns are inputs when QMK is running in column-to-row mode). C071 does not have any limitations on these pins documented.
PB9	Both G0B1 and C071 support TIM17_CH1 and one other timer on PB9 and it can therefore control RGB LEDs using the PWM driver.

Lighting



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Title: KPQ-E99ZC-12 Replacement PCB		
Size: A4	Date: 2025-10-20	Rev: 1.0
KiCad E.D.A. 9.0.6		Id: 1/1