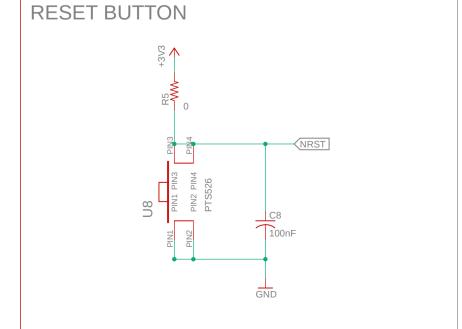
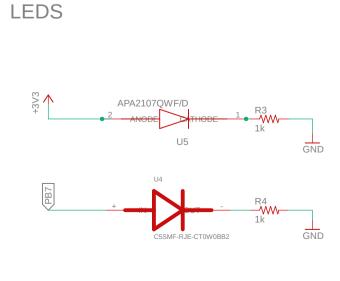
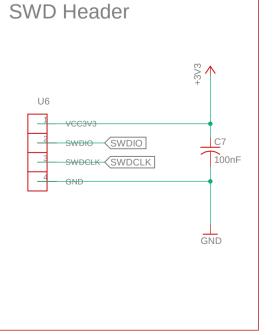
## STEPTRACK Vmax: **USB-C CONNECTOR** ADS1246 +5\ C10 MKDSN1,5/2-5,08 MKDSN1,5/2-5.08 100nF 100nF $_{\text{X1-1}}$ $\bigcirc$ $\bigcirc$ $_{\text{X1-2}}$ B4A<u>1</u>2 GND GND PA11 U3 USB4105-GF-A R13 1 SCLK 15 R6 47 15 R7 47 13 R7 47 14 R8 47 12 R9 47 11 R10 47 4 R11 47 R12 47 PA12 U1 R15 1k ADS1246IPWR DOUT/NDRDY R14 1k SBU2 DGND START NRESET A1B<u>12</u> GND LDO 5V->3.3V MCU -> STM32F103C8T6 +5\ U2MCU ADS\_NDRDY XC6206P33MR-G 11 PA1 PB1 $\leq$ 20 12 PA2 PB2 VSS 39 13 ADS\_START РАЗ РВ3 40 14 ADS\_NCS 41 SCLK 16 MISO PA6 PB6 1uF 43 MOSI PA7 PB7 PB7 45 29 PA8 PB8 30 46 21 PA10 32 PA11 PA11 PB11 MCU PWR/DECOUPLING 33 25 PA12 PB12 PA12 26 SWDIO PA13 PB13 27 SWDCLK 28 C4 C5 100nF 100nF 100nF 100nF PC13-TAMPER-RTC PC14-OSC32\_IN PC15-OSC32\_OUT U2PWR VSS\_1 VDD\_1 44 воото VSS\_2 VDD\_2 VSS\_3 VDD\_3 PD0-OSC\_IN 6 VDDA PD1-OSC\_OUT VBAT NRST NRST STM32F103C8T6 STM32F103C8T6 GND







\_MOSI

\_ADS\_NDRDY

ADS\_NCS

\_ADS\_START

\_\_NRST