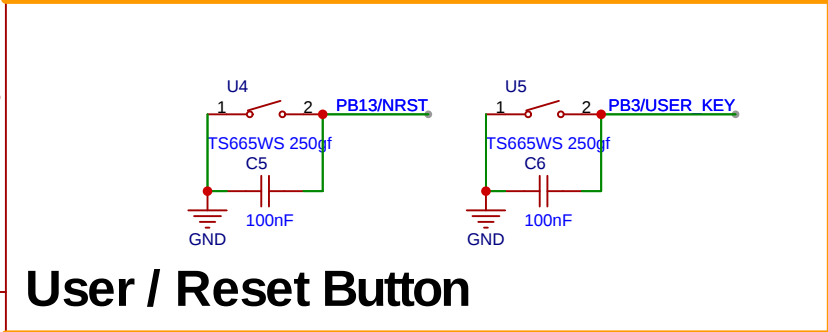
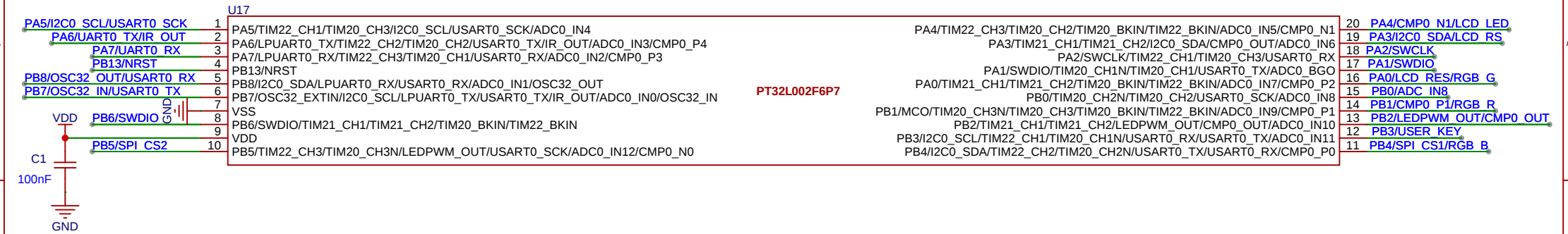
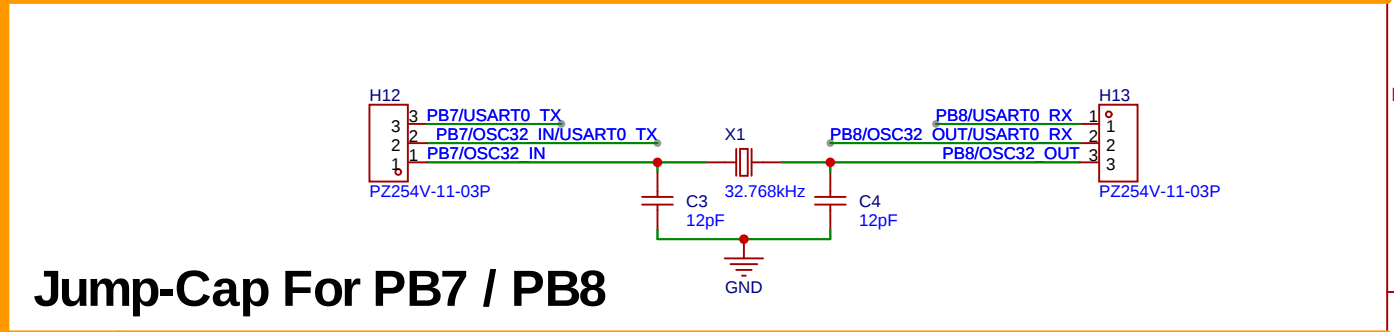


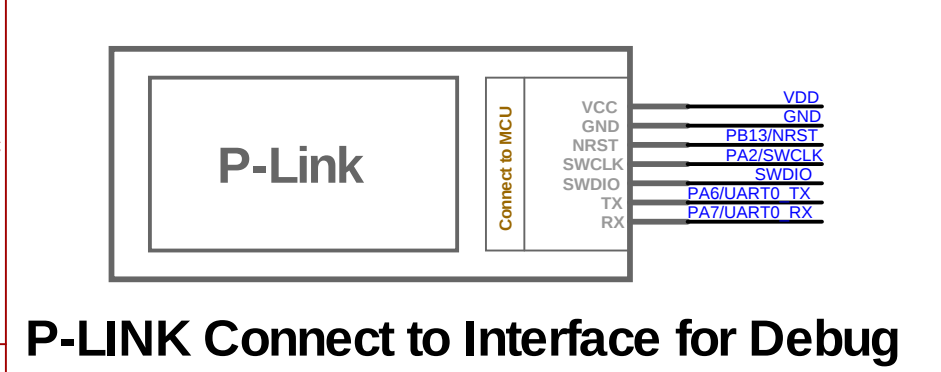
MCU-Driver



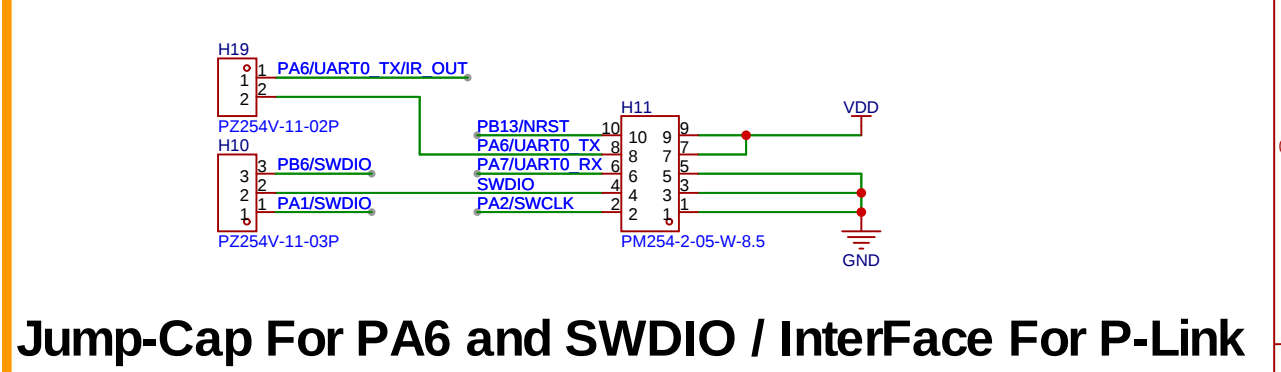
User / Reset Button



Jump-Cap For PB7 / PB8



P-LINK Connect to Interface for Debug



Jump-Cap For PA6 and SWDIO / InterFace For P-Link

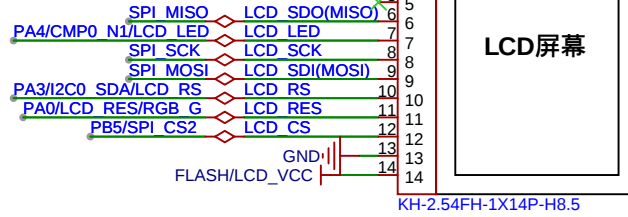
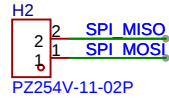
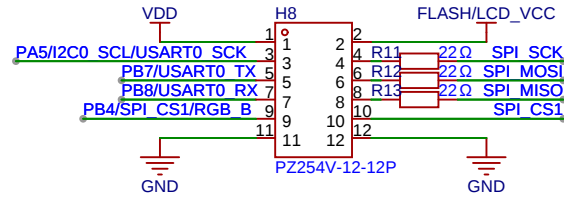
The P-Link's power supply for VDD is available in 3V3 or 5V voltages

Attention : When using Nor Flash, the P-Link's power supply for VDD must be set as 3V3

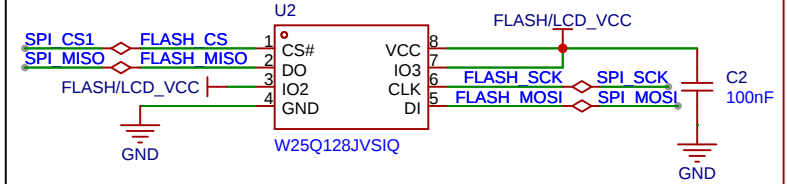
原理图	DEMO PT32x002x Development Kit V1.0			更新日期	2025-07-30
				创建日期	2025-07-29
图页	MCU			物料编码	
绘制		PT32L002x_DemoBoard			
审阅					
		版本	尺寸	页	1 共 4
		V1.0	A4	Application development team	



Jump-Cap For SPI Interface

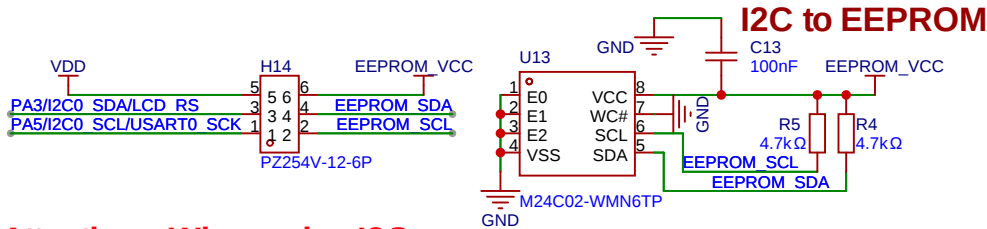


SPI to LCD Screen and Nor Flash



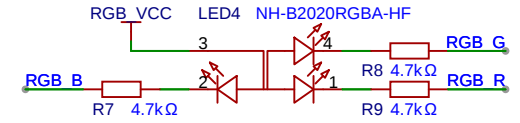
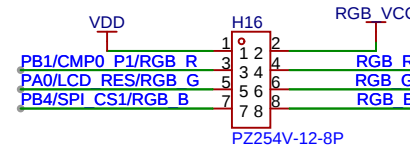
Attention : When using LCD screen or Nor Flash, the Jump-cap of H14 and H16 Header should be removed

Jump-Cap For I2C Interface



Attention : When using I2C, the Jump-cap of H8 Header and LCD screen should be removed

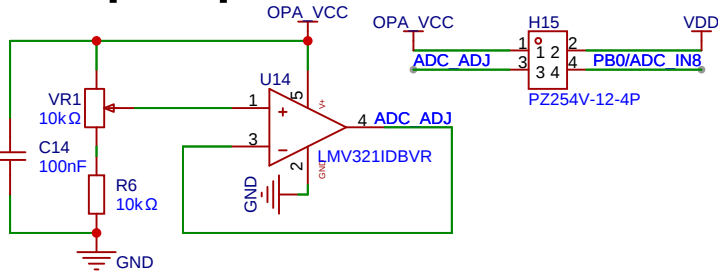
Jump-Cap For RGB Interface



IO to RGB

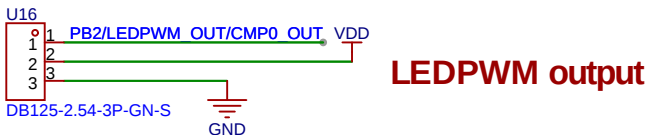
Attention : When using RGB, the Jump-cap of H8 Header and LCD screen should be removed

Jump-Cap For ADC Interface

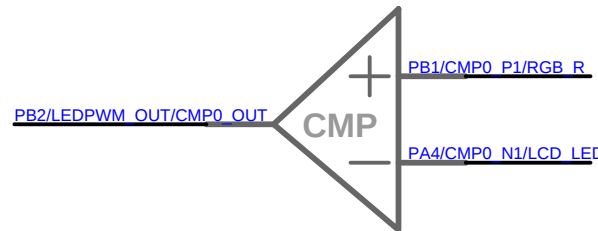


ADC to Adjustable voltage(range: 0.5 * VDD - VDD)

LEDPWM Interface

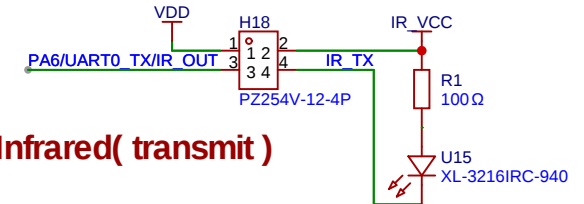


LEDPWM output



Internal comparators

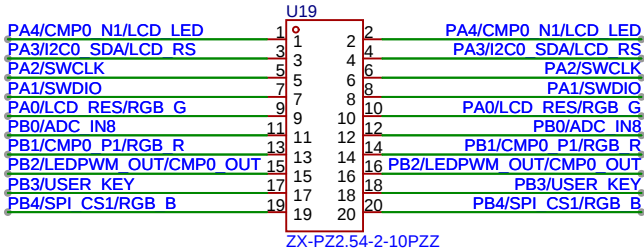
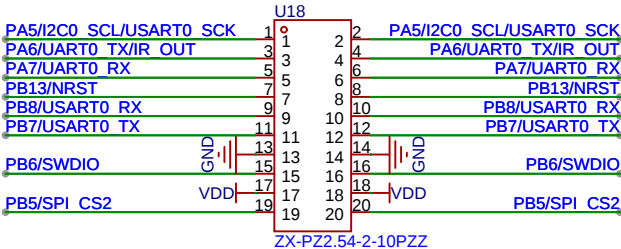
Jump-Cap For Infrared Interface



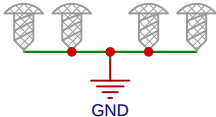
UART to Infrared(transmit)

Attention : When using Infrared diode, the Jump-cap of H19 Header should be removed

原理图	DEMO PT32x002x Development Kit V1.0			更新日期	2025-07-30
				创建日期	2025-07-29
图页	Interface			物料编码	
绘制		PT32L002x_DemoBoard			
审阅					
		版本	尺寸	页	2 共 4
 澎湃微		V1.0	A4	Application development team	

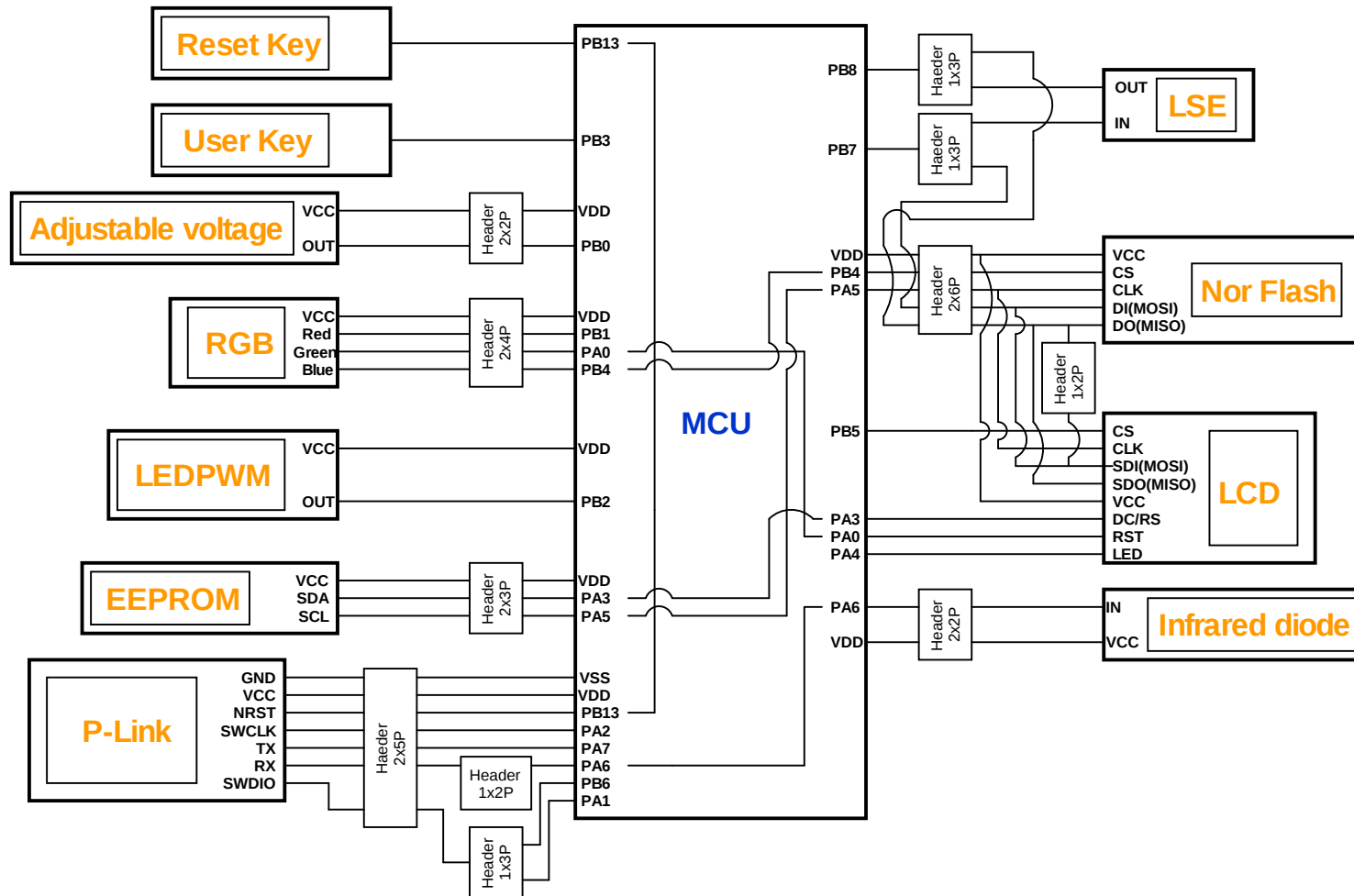


MCU's IO to Pin



原理图	DEMO PT32x002x Development Kit V1.0		更新日期	2025-07-30
图页	Other		创建日期	2025-07-29
绘制		PT32L002x_DemoBoard		
审阅				
		版本	尺寸	页 3 共 4
DCI 澎湃微		V1.0	A4	Application development team

Topology Diagram



原理图	DEMO PT32x002x Development Kit V1.0			更新日期	2025-07-30
图页	Topology			创建日期	2025-07-29
绘制		PT32L002x_DemoBoard			
审阅					
		版本	尺寸	页	4 共 4
DCI 澎湃微		V1.0	A4	Application development team	