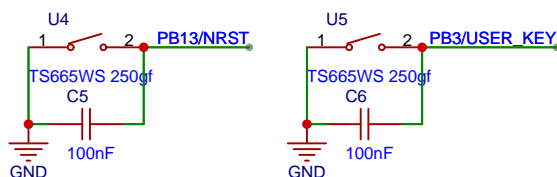
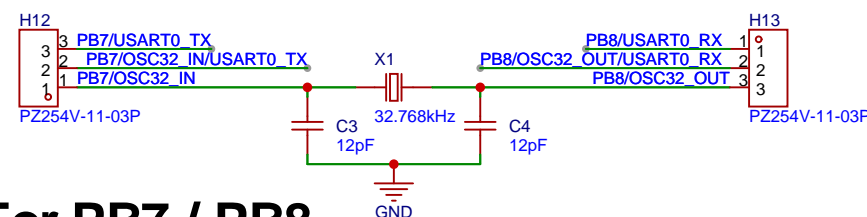


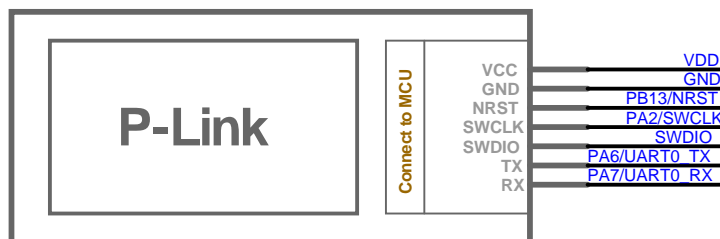
# MCU-Driver



## User / Reset Button



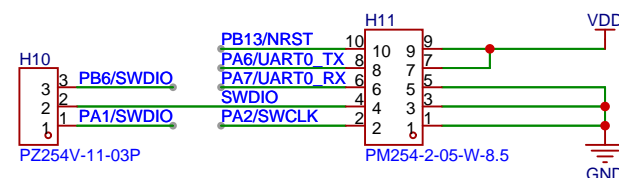
## Jump-Cap For PB7 / PB8




## P-LINK Connect to Interface for Debug

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

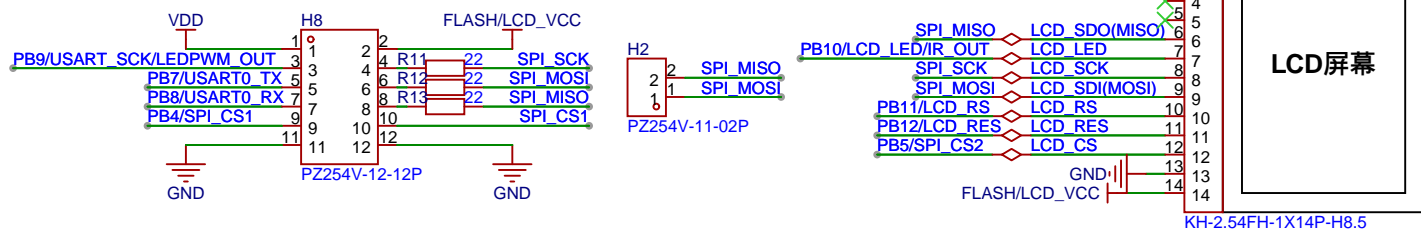
**Attention : When using Nor Flash, the P-Link's power supply for VDD must be set as 3V3**



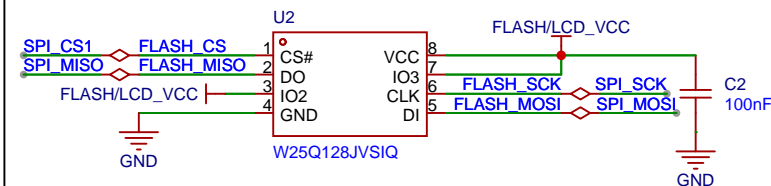
## Jump-Cap For SWDIO / InterFace For P-Link

原理图	DEMO PT32x012x Development Kit V1.0			更新日期	2025-06-05
图页	MCU			创建日期	2025-05-21
绘制		PT32L012x_DemoBoard			
审阅					
		版本	尺寸	页	1 共 4
		V1.0	A4	Application development team	

## Jump-Cap For SPI Interface

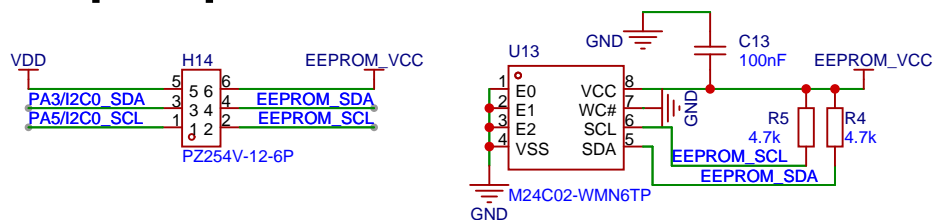


## SPI to LCD Screen and Nor Flash



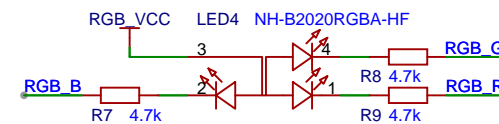
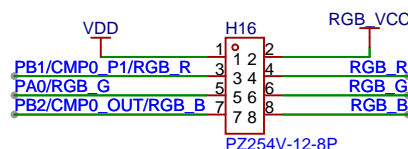
**Attention : When using LCD screen, the Jump-cap of H18 connector should be removed**

## Jump-Cap For I2C Interface



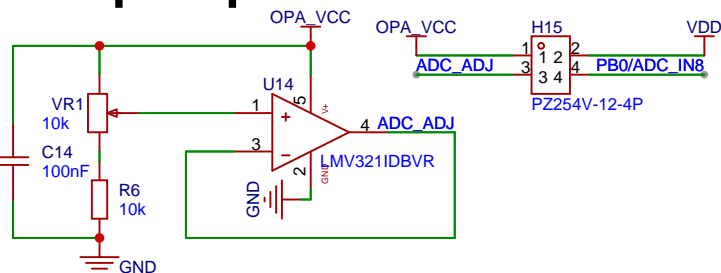
## I2C to EEPROM

## Jump-Cap For RGB Interface

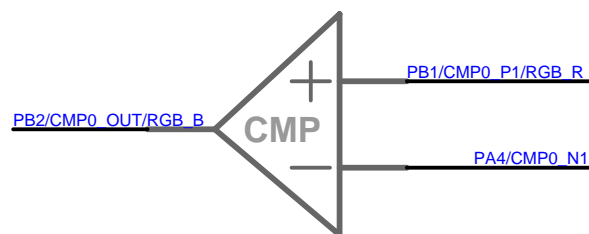


## IO to RGB

## Jump-Cap For ADC Interface

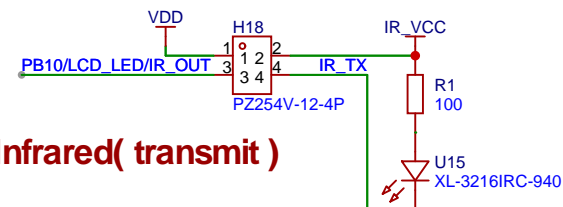


**ADC to Adjustable voltage(range: 0.5 \* VDD - VDD)**



## Internal comparators

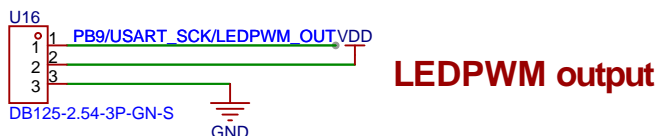
## Jump-Cap For Infrared Interface



## UART to Infrared( transmit )

**Attention : When using Infrared diode, the LCD screen should be removed**

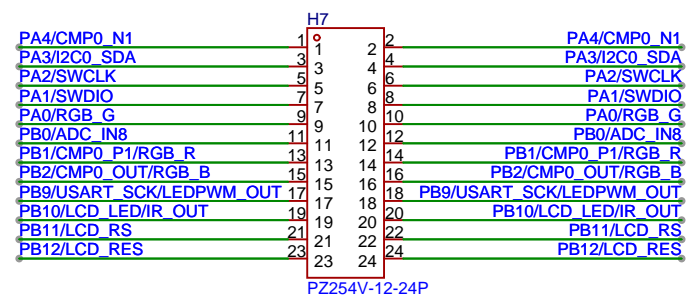
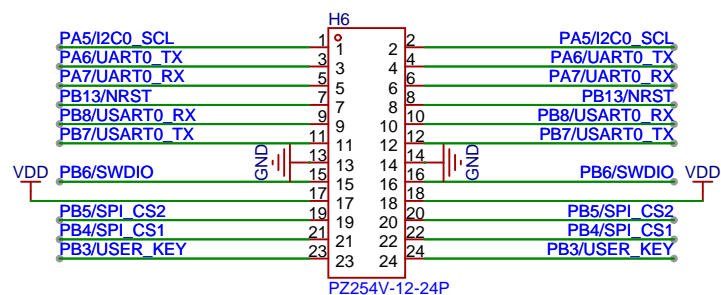
## LEDPWM Interface



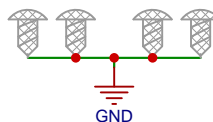
## LEDPWM output

**Attention : When using LEDPWM, the Jump-cap of H8 connector should be removed**

原理图	DEMO PT32x012x Development Kit V1.0		更新日期	2025-06-20
图页	Interface		创建日期	2025-05-21
绘制			物料编码	
审阅			PT32L012x_DemoBoard	
		版本	尺寸	页 2 共 4
		V1.0	A4	Application development team

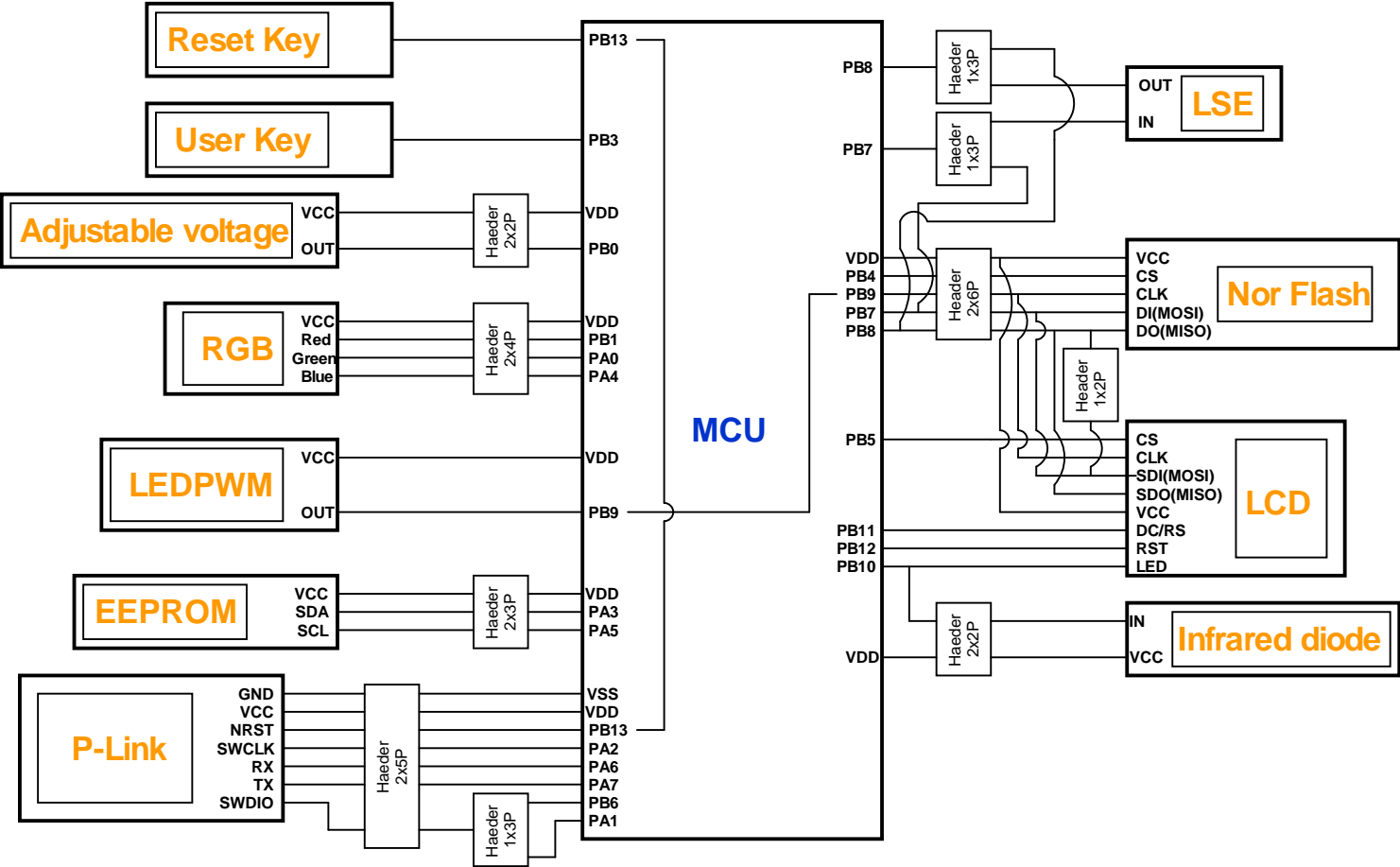


## MCU's IO to Pin



原理图	DEMO PT32x012x Development Kit V1.0		更新日期	2025-06-05
图页	Other		创建日期	2025-05-21
绘制	PT32L012x_DemoBoard			
审阅				
	版本	尺寸	页 3 共 4	
	V1.0	A4	Application development team	

Topology Diagram



原理图	DEMO PT32x012x Development Kit V1.0		更新日期	2025-06-09
图页	Topology		创建日期	2025-06-05
绘制		PT32L012x_DemoBoard		
审阅				
		版本	尺寸	页 4 共 4
DCI 澎湃微		V1.0	A4	Application development team