

Allocation of GPIOs on ESP32-C3-Lyra V2.0 Development Board

Module Pin No.	Pin Name	EN_KEY	RGB LED Strip	Single-Line Controlled LED Strip	Automatic Uploading	System LED	UART	IR Control	PDM Playing	Keys	PA	Mic	Backup Function
2	EN	ESP_EN											
3	IO4		LED_PWM_B										
4	IO5		LED_PWM_R										
5	IO6		LED_PWM_G										
6	IO7			DIN									
7	IO8				IO8								I2C_CLK
8	IO9				ESP_BOOT								I2C_DATA
10	IO10					SYS_LED							
11	RXD						U0RXD						
12	TXD						U0TXD						
13	IO18							IR-Tx					ESP_USB_DM
14	IO19							IR-Rx					ESP_USB_DP
15	IO3								PDM_Tx				
16	IO2				IO2					ADC-button			
17	IO1										PA_CTRL		
18	IO0											MIC_ADC	