

IO Status Detection Table

NO.	PIN	Pin type	Pin name	Network definition	Actual definition	Hardware direction	Initial status	Control statement	High level	Low level	Functional mode (result)	Judgement	Note
1	W17	GPIO	SIO4	IR-HUMAN	Human body induction persistence	IN	High level	The external microwave module detects a change in the magnetic field, and the GPIO level changes from high to low.	3.3V	0V	0V	Pass	
2	F19	GPIO	GPIOC17	DJQ_EN	Relay control IO	OUT	Low level	External gate, high level, relay from normally open to normally closed, normally closed to normally open	3.3V	0V	3.3V	Pass	
3	E20	GPIO	GPIOC16	WLED-PWR	Supplemental lighting control IO	OUT	High level	Turn on white light at high level and turn off at low level	3.3V	0V	3.3V	Pass	
4	J19	GPIO	GPIOC0	IRLED-PWR	infrared supplementary light control IO	OUT	Low level	Turn on infrared supplementary light at high level and turn off at low level	3.3V	0V	3.3V	Pass	

Note:1.The above pins, pin names and network definitions should correspond to the schematic, in order to locate them easily.

2.Threshold of high and low level: low level < 0.3V/ high level 3.3V port > 2.7V/ high level 5V port > 4.5V

3.Pin type: PM and non-PM

4.The source class can be free of control instructions, I/O port withstand voltage, inversion descriptions, initialization status, high level, low level

5.Design comparison refers to the comparison with the schematic diagram of the workboard of the chip company.

6.The Direction is filled in by SW and confirmed by the hardware designer.