

GPIO ASSIGNMENT

备注：D代表门口机，R代表室内机

D

PIN	Define	Direction	Function
PB0	UART2-TX	调试串口	UART(D,R)
PB1	UART2-RX	调试串口	
PB2	WIFI-EN-PB2	WIFI电源使能	WIFI(R)
PB3	NC	NC	NC
PB4	LCD-BL-EN	屏背光控制	LCD(D,R)
PB5	PA-SHDN	功放使能（低）	AUDIO(D,R)
PB6	TWI0-SCK	RTC	PT7C4372A(D)
PB7	TWI0-SDA	RTC	
PB8	SCK1/TX0	电容屏/指纹串口	TP(R)
PB9	SDA1/RX0	电容屏/指纹串口	
PB10	SW-CTL	开门按键	开锁(D)
PB11	DOOR-DET	门磁检测	
PB12	RY-CTL	继电器控制	
PB13	BODY-DET	人感体感应	人感体感应(D)

C

PIN	Define	Direction	Function
PC0	SPI0-MISO	SPI主进从出	NOR/ NAND(D,R)
PC1	SPI0-CLK	SPI时钟	
PC2	SPI0-CS	SPI片选	
PC3	SPI0-MOSI	SPI主出从进	
PC4	RURN-LED	烧录指示灯（高）	LED(D,R)
PC5	NC	NC	NC
PC6	REMOVE	离墙报警（高）	防拆(D,R)
PC7	DOOR-BELL	门铃按钮（低）	门铃(R)
PC8	ALARM-DET	报警控制	报警(R)
PC9	SENSOR-PWR	摄像头补光灯	摄像头(D)
PC10	NC	NC	NC

B

PIN	Define	Direction	Function
LRADC0	LRADC0	ADC按键0	ADC(R)
LRADC1	LRADC1	NC	NC
HPL	HPL	NC	NC
LINEOUTL	LINEOUTL	音频输出	AUDIO(D,R)
MIC1P	MIC1P	咪头正	MIC(D,R)
MIC1N	MIC1N	咪头负	
MBIAS	MBIAS	MBIAS	

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PIN	Define	Direction	Function
LCD	LCD-D0	LCD-D0	LCD RGB
LCD	LCD-D1	LCD-D1	
LCD	LCD-D2	LCD-D2	
LCD	LCD-D3	LCD-D3	
LCD	LCD-D4	LCD-D4	
LCD	LCD-D5	LCD-D5	
LCD	LCD-D6	LCD-D6	
LCD	LCD-D7	LCD-D7	
LCD	LCD-D8	LCD-D8	
LCD	LCD-D9	LCD-D9	
LCD	LCD-D10	LCD-D10	
LCD	LCD-D11	LCD-D11	
LCD	LCD-D12	LCD-D12	
LCD	LCD-D13	LCD-D13	
LCD	LCD-D14	LCD-D14	
LCD	LCD-D15	LCD-D15	
LCD	LCD-D16	LCD-D16	LCD LVDS RGB
LCD	LCD-D17	LCD-D17	
LCD	LCD-D18	LCD-D18/VP0	
LCD	LCD-D19	LCD-D19/VN0	
LCD	LCD-D20	LCD-D20/VP1	
LCD	LCD-D21	LCD-D21/VN1	
LCD	LCD-D22	LCD-D22/VP2	
LCD	LCD-D23	LCD-D23/VN2	
LCD	LCD-CLK	LCD-CLK/VPC	
LCD	LCD-DE	LCD-DE/VNC	
LCD	LCD-HSYNC	LCD-HSYNC/VP3	
LCD	LCD-VSYNC	LCD-VSYNC/VN3	

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PIN	Define	Direction	Function
CSI	CSI_PCLK	CSI_PCLK	CSI
CSI	CSI_MCLK	CSI_MCLK	
CSI	CSI_HSYNC	CSI_HSYNC	
CSI	CSI_VSYNC	CSI_VSYNC	
CSI	CSI_D0	CSI_D0	
CSI	CSI_D1	CSI_D1	
CSI	CSI_D2	CSI_D2	
CSI	CSI_D3	CSI_D3	
CSI	CSI_D4	CSI_D4	
CSI	CSI_D5	CSI_D5	
CSI	CSI_D6	CSI_D6	
CSI	CSI_D7	CSI_D7	
CSI	CSI-SCK	CSI-SCK	
CSI	CSI-SDA	CSI-SDA	
PE23	CSI-RST	CSI-RST	PE
PE4	NC	NC	
PE6	NC	NC	
PE24	NC	NC	

PIN	Define	Direction	Function
PF0	SDC0-D1	SD卡D1	CARD0
PF1	SDC0-D0	SD卡D0	
PF2	SDC0-CLK	SD卡CLK	
PF3	SDC0-CMD	SD卡CMD	
PF4	SDC0-D3	SD卡DD3	
PF5	SDC0-D2	SD卡D2	
PF6	SDC0-DET	SD卡DET	

PIN	Define	Direction	Function
PG0	S1-DET	安防1/KEY0	安防(R) 键盘(D)
PG1	S2-DET	安防2/KEY1	
PG2	S3-DET	安防3/KEY2	
PG3	S4-DET	安防4/KEY3	
PG4	S5-DET	安防5/KEY4	
PG5	S6-DET	安防6/KEYLED	RS485(D,R)
PG6	UART1-TX	RS485	
PG7	UART1-RX	RS485	安防(R)
PG8	S7-DET	安防检测7	
PG9	S8-DET	安防检测8	韦根刷卡(D) LED指示灯(R)
PG10	D1/LED1	韦根D1/LED1	
PG11	D0/LED2	韦根D0/LED2	TP
PG12	TP-RST	触摸屏复位	
PG13	TP-INT	触摸屏中断	

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