IPC-RB\_18EVBLK-XST-V1.01接口说明表



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| --- | --- | --- | --- | --- |
| 标注 | 丝印编号 | 针脚编号 | 针脚定义 | 功能 |
| P1 | J6 | 1 | RXD | 串口接收 |
| 2 | TXD | 串口发送 |
| 3 | GND | GND |
| P2 | J8 | 1 | 喇叭输出 | 喇叭输出 |
| 2 | 喇叭输出 | 喇叭输出 |
| P3 | J7 | 1 | Mic | 咪头输入 |
| 2 | GND | GND |
| P5 | J9 | 1 | +5V\_M1 | 电机5v |
| 2 | Out8 | 电机控制 |
| 3 | Out7 | 电机控制 |
| 4 | Out6 | 电机控制 |
| 5 | Out5 | 电机控制 |
| P6 | J10 | 1  | +5V\_M2 | 电机5v |
| 2 | Out4 | 电机控制 |
| 3 | Out3 | 电机控制 |
| 4 | Out2 | 电机控制 |
| 5 | Out1 | 电机控制 |
| P7 | J2 | 1 | +5V | 5输出 |
| 2 | 433 | 433天线 |
| 3 | GND | GND |
| P8 | J3 | 1 | +5V | 5输出 |
| 2 | 433 | 433天线 |
| 3 | GND | GND |
| P9 | J1 | 1 | Left | 电机左转控制 |
| 2 | 433 | GND |
| 3 | Right | 电机右转控制 |
| P10 | J13 | 1 | GND | GND |
| 2 | +5V | 5V输入 |
| 3 | GND | GND |
| P11 | J12 | 1  | ETHTX+ | 以太网数据口 |
| 2 | ETHTX- | 以太网数据口 |
| 3 | ETHRX+ | 以太网数据口 |
| 4 | NC | NC |
| 5 | NC | NC |
| 6 | ETHRX- | 以太网数据口 |
| 7 | NC | NC |
| 8 | NC | NC |
| 9 | LED0 | 灯 |
| 10 | 3.3V | 3.3V输入 |
| 11 | GND | GND |
| 12 | LED3 | 灯 |
| P12 | J5 | 1 | GND | GND |
| 2 | RTC | RTC电池输入 |
| P13 | J4 | 1 | 5V | 5V |
| 2 | 5V | 5V |
| 3 | GND | GND |
| 4 | GND | GND |
| 5 | GND | GND |
| 6 | DATA11 | Sensor数据 |
| 7 | DATA10 | Sensor数据 |
| 8 | DATA9 | Sensor数据 |
| 9 | DATA8 | Sensor数据 |
| 10 | DATA7 | Sensor数据 |
| 11 | DATA6 | Sensor数据 |
| 12 | DATA5 | Sensor数据 |
| 13 | DATA4 | Sensor数据 |
| 14 | DATA3 | Sensor数据 |
| 15 | DATA2 | Sensor数据 |
| 16 | DATA1 | Sensor数据 |
| 17 | DATA0 | Sensor数据 |
| 18 | HS | HS |
| 19 | VI\_CLK | VI\_CLK |
| 20 | VS | VS |
| 21 | GND | GND |
| 22 | SIOD | I2C数据 |
| 23 | SIOC | I2C时钟 |
| 24 | UP | 电机上控制 |
| 25 | DOWN | 电机下控制 |
| 26 | RED\_CTRL | 红外灯控制 |
| 27 | IRCUT\_CTLR | Ircut控制 |
| 28 | SENSOR\_CLK | Sensor时钟 |
| 29 | GND | GND |
| 30 | GND | GND |