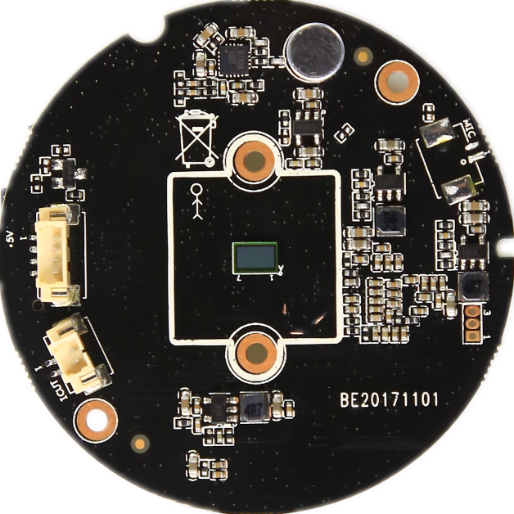
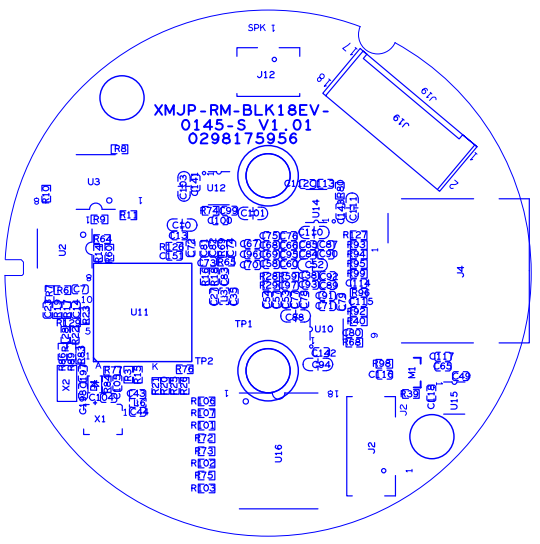
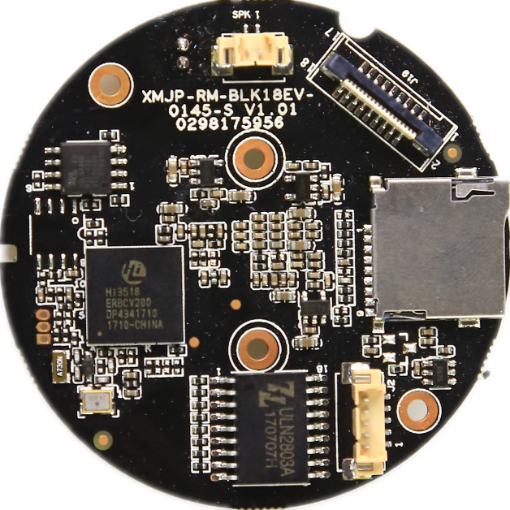
**BRD\_XMJP-RM-BLK18EV-0145-S-V1\_01** **接口说明**

P1 Infrared

P8 motor

P8 SD

P7 Extension

P6 SPK

P5 IR CUT

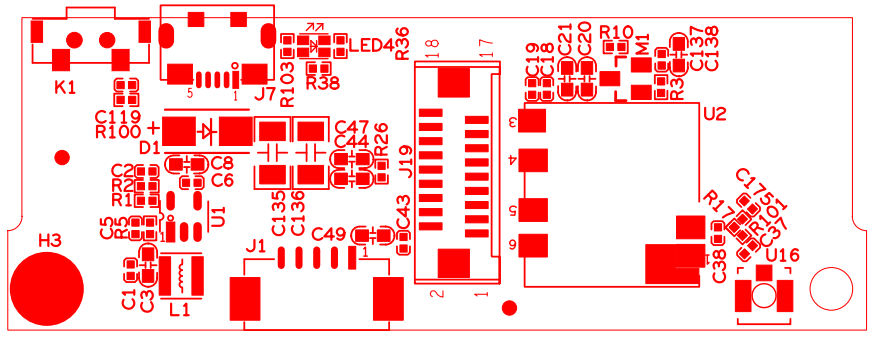
P3 MIC

P2 MIC

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 标注 | | 丝印编号 | 针脚编号 | 针脚定义 | 功能 |
| P1 | J8 | | 1 | +5V | +5V 灯板供电 |
| 2 | GND | GND |
| 3 | IRC\_GPIO30 | 红外灯接收信号 |
| 4 |  |  |
| P2 | | J11 | 1 | GND | GND |
| 2 | MIC\_P | MIC 正 |
| P3 | | J6 | 1 | MIC\_P | MIC 正 |
| 2 | GND | GND |
| P4 | | J3 | 1 | UART0\_RXD | 串口接收信号 |
| 2 | UART0\_TXD | 串口发射信号 |
| 3 | GND | GND |
| P5 | | J7 | 1 | 无 | IRCUT输出信号1 |
| 2 | 无 | IRCUT输出信号2 |
| P6 | | J12 | 1 | SPK+ | 喇叭正 |
| 2 | SPK- | 喇叭负 |
| P7 | | J19 | 1 | OUT1 | 水平电机控制输出信号1 |
| 2 | OUT2 | 水平电机控制输出信号2 |
| 3 | OUT3 | 水平电机控制输出信号3 |
| 4 | OUT4 | 水平电机控制输出信号4 |
| 5 | GND | GND |
| 6 | PRESET\_GPIO7\_4 | 按键复位信号 |
| 7 | RED\_GPIO0\_1 | 指示灯红灯 |
| 8 | GREEN\_GPIO0\_2 | 指示灯绿灯 |
| 9 | GND | GND |
| 10 | USB\_DP | USB正 |
| 11 | USB\_DM | USB负 |
| 12 | GND | GND |
| 13 | USB\_CTRL | USB口WIFI控制信号 |
| 14 | GND | GND |
| 15 | GND | GND |
| 16 | +5V | +5V |
| 17 | +5V | +5V |
| 18 | +5V | +5V |
| P8 | | J4 | 1 | SD\_ CDATA2 | SDIO数据 |
| 2 | SD\_ CDATA3 | SDIO数据 |
| 3 | SD\_ \_CMD | 控制命令 |
| 4 | +3.3V\_SD | SD的电源 |
| 5 | X\_SD\_CLK | SDIO时钟 |
| 6 | GND | GND |
| 7 | SD\_ CDATA0 | SDIO数据 |
| 8 | SD\_ CDATA1 | SDIO数据 |
| 9 | DETECT | 卡检测 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 标注 | 丝印编号 | 针脚编号 | 针脚定义 | 功能 |
| P9 | J2 | 1 | +5V\_M1 | +5V |
| 2 | OUT 8 | 垂直电机控制输出信号 |
| 3 | OUT 7 | 垂直电机控制输出信号 |
| 4 | OUT 6 | 垂直电机控制输出信号 |
| 5 | OUT 5 | 垂直电机控制输出信号 |

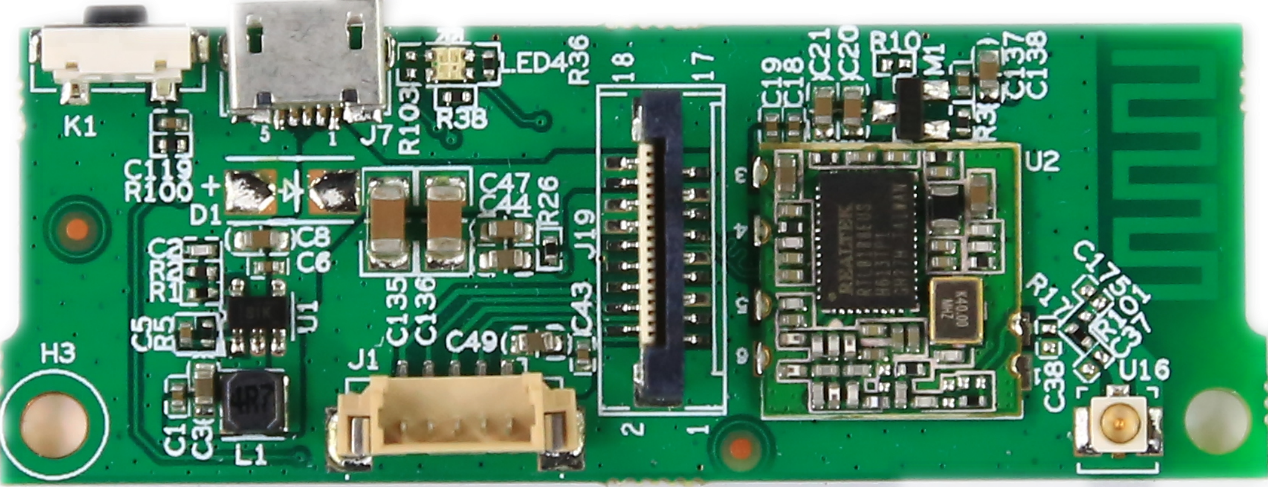
**BRD\_XMJP-RM18EV-WIFI-USB-IF-S-V1\_01接口说明**



Extension

P3 RESET

P1 POWER



P2 motor

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 标注 | | 丝印编号 | 针脚编号 | 针脚定义 | 功能 |
| P1 | J7 | | 1 | +5V | +5V usb电源输入 |
| 5 | GND | GND |
|  |  |  |
|  | |  |  |  |  |
| P2 | | J1 | 1 | +5V\_M2 | +5V |
| 2 | OUT1 | 水平电机控制输出信号1 |
| 3 | OUT2 | 水平电机控制输出信号2 |
| 4 | OUT3 | 水平电机控制输出信号3 |
| 5 | OUT4 | 水平电机控制输出信号4 |
| P3 | | K1 | 1 | GND | GND |
| 2 | PRESET\_GPIO7\_4 | 按键复位信号 |
|  |  |  |
|  |  |  |