## 以下是所有引脚占用情况，如需更改，请及时说明

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 超声波 | PC0 | PA1 | PC1 | PA2 | PC2 | PA3 | PC3 | PA6 | PC4 |
| TRIG1 | ECHO1 | TRIG2 | ECHO2 | TRIG3 | ECHO3 | TRIG4 | TRIG4 | TRIG5 |
| PA7 | **PC5** | PB0 |  |  |  |  |  |  |
| TRIG5 | TRIG6 | TRIG6 |  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 串口 | PA9 | PA10 |
| 按键 | **PA0** |  |
| 指南 | **PB6** | **PB7** |
| gps | **PA2** | **PA3** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| GPRS数据传输 | PC10 | PC11 |  |  |  |
| URX | UTX |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 所有  引脚  占用  情况 | PA | 0 | 1 | 2 | 3 |  |  | 6 | 7 |  | 9 | 10 |  |  |
| PB | 0 |  |  |  |  |  | 6 | 7 |  |  |  |  |  |
| PC | 0 | 1 | 2 | 3 | 4 | 5 |  |  |  |  | 10 | 11 |  |
| PD |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## 以下是所有定时器占用情况，如需更改，请及时说明

(✔:已占用)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TIM1 | TIM2 | TIM3 | TIM4 | TIM5 | TIM6 | TIM7 | TIM8 | 滴答 |
|  | ✔ | ✔ |  |  |  |  |  | ✔ |

## 以下是所有串口占用情况，如需更改，请及时说明

(✔:已占用)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Usart1 | Usart2 | Usart3 | Uart1 | Uart4 | Uart5 |
| ✔ | ✔ |  |  | ✔ |  |