1. 报文设计
   1. 报文概述

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| --- | --- | --- | --- | --- |
| **功能码** | **报文名称** | **信源** | **信宿** | **描述** |
| 0x31 | 打开串口1 | 0xEE1 | 0x112 | 打开0x112的串口1 |
| 0x32 | 关闭串口1 | 0xEE1 | 0x112 | 关闭0x112的串口1 |
| 0x32 | 关闭USB1 | 0xEC1 | 0x1A2 | 关闭0x112的USB1 |

* 1. 设备节点号分配

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| **设备节点号** | **一级设备名** | **二级设备名** | **三级设备名** |
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* 1. 以太网报文描述
     1. 打开串口1

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| --- | --- | --- | --- | --- | --- |
| **名称** | 打开串口1 | | **标识** | openCom1 | |
| **描述** | 打开0x112的串口1 | | | | |
| **数据源** | 0xEE1 | **目的地** | 0x112 | **报文ID** | 0x1214 |
| **字节序号** | **数据名称** | **数据类型** | **数据长度** | **描述** | |
| 1~7 | FR | char[] | 7 | 前导码 | |
| 8~9 | SD | char | 1 | 帧数据定界符 | |
| 10~13 | DA | int | 4 | 目的地地址 | |
| 14~17 | SA | int | 4 | 源地址 | |
| 18 | DATA | char | 1 | 指令 | |
| **备注** |  | | | | |

* 1. CAN报文描述
     1. 关闭串口1

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| **名称** | 关闭串口1 | | **标识** | closeCom1 | |
| **描述** | 关闭0x112的串口1 | | | | |
| **数据源** | 0xEE1 | **目的地** | 0x112 | **报文ID** | 0x1215 |
| **字节序号** | **数据名称** | **数据类型** | **数据长度** | **描述** | |
| 1~7 | FR | char[] | 7 | 前导码 | |
| 8~9 | SD | char | 1 | 数据定界符 | |
| 10~13 | DA | int | 4 | 目的地地址 | |
| 14~17 | SA | int | 4 | 源地址 | |
| 18 | DATA | char | 1 | 指令 | |
| **备注** |  | | | | |

* 1. USB报文描述
     1. 关闭USB1

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| --- | --- | --- | --- | --- | --- |
| **名称** | 关闭USB1 | | **标识** | closeUSB1 | |
| **描述** | 关闭0x112的USB1 | | | | |
| **数据源** | 0xEC1 | **目的地** | 0x1A2 | **报文ID** | 0x1215 |
| **字节序号** | **数据名称** | **数据类型** | **数据长度** | **描述** | |
| 1~7 | FR | char[] | 7 | 前导码 | |
| 8~9 | SD | char | 1 | 数据定界符 | |
| 10~13 | DA | int | 4 | 目的地地址 | |
| 14~17 | SA | int | 4 | 源地址 | |
| 18 | DATA | char | 1 | 指令 | |
| **备注** |  | | | | |