bb00b70000b77e

bb00b6000209c4857e

bb 00 0B 00 00 0B 7E 获取 select 值

bb 00 39 00 09 00 00 00 00 00 00 00 08 4A 7E

bb 00 39 00 09 00 00 00 00 02 00 00 08 4C 7E

bb 00 0C 00 09 01 00 00 00 20 10 00 73 70 29 7E 比如先设置 select 73 70 为标签号码（EPC 号）

bb 00 39 00 09 00 00 00 00 00 00 00 04 46 7E 读 Reserved 区

bb 00 39 00 09 00 00 00 00 01 00 00 08 4B 7E 读 EPC

bb 00 39 00 09 00 00 00 00 02 00 00 06 4a 7E 读 TID 号码

bb 00 39 00 09 00 00 00 00 03 00 00 04 49 7E 读用户区

bb 00 0C 00 13 01 00 00 00 20 60 00 11 11 22 22 33 33 44 44 55 55 A6 1B 5F 7E 设置标签号为11 11 22 22 33 33 44 44 55 55 A6 1B 的 select 值

标签号码 ：DD 61 08 00 73 70 6E 64 31 70 30 36 36 38 34 00 E2

bb 01 39 00 15 04 08 00 73 70 DD 61 08 00 73 70 6E 64 31 70 30 36 36 38 34 00 E2 7E

（PC:0800，EPC:7370 ， CRC:DD61）

08 00 73 70

bb 01 39 00 1F 0E 30 00 E2 00 30 00 05 17 02 37 06 00 DD BB 6B 34 30 00 E2 00 30 00 05 17 02 37 06 00 DD BB 70 7E

30 00 E2 00 30 00 05 17 02 37 06 00 DD BB

bb 01 39 00 1D 0C 28 00 20 00 E2 00 31 52 57 13 92 05 E3 08 28 00 20 00 E2 00 31 52 57 13 92 05 4E 00 F8 7E

28 00 20 00 E2 00 31 52 57 13 92 05

关于锁定和解锁操作

bb 00 82 00 07 00 00 00 00 00 80 20 29 7E 锁定命令

bb 00 82 00 07 00 00 00 00 00 80 00 09 7E 解锁命令

比如 reserved 密码区的密码（从地址 02 开始读 2 个字）为 12345678，先设置标签的 select 值，然后发送以下命令

bb 00 82 00 07 12 34 56 78 00 80 20 3D 7E	锁定命令 锁定EPC 区，其中 12345678 是锁定的密码，
bb 00 82 00 07 12 34 56 78 00 80 00 1D 7E	解锁 EPC 区，其中 12345678 是密码
bb 00 82 00 07 12 34 56 78 02 00 80 1F 7E	锁定RESERVED 区 锁定密码为 12345678
bb 00 82 00 07 12 34 56 78 02 00 00 9F 7E	解锁RESERVED 区 解锁密码位 12345678
bb 00 82 00 07 12 34 56 78 00 08 02 A7 7E	锁定用户区 USER 区 锁定密码为 12345678
bb 00 82 00 07 12 34 56 78 00 08 00 A5 7E	解锁用户区 USER 区 锁定密码为 12345678

bb 00 82 00 07 12 34 56 78 00 20 08 C5 7E 锁定 TID 区 锁定密码为 12345678

bb 00 82 00 07 12 34 56 78 00 20 00 BD 7E 解锁 TID 区 解锁密码为 12345678

bb 00 39 00 09 00 00 00 00 00 00 02 00 02 46 7E

bb 00 39 00 09 12 34 56 78 00 00 02 00 02 5A 7E

首先设置 select 参数。

指令对照表

```
enum cmd_code {
        CMD_HELLO                       = 0x01,
        CMD_HEART_BEAT  = 0x02,
        CMD_GET_MODULE_INFO     = 0x03,
```

7CMD_SINGLE_ID = 0x22,

CMD_MULTI_ID = 0x27,

CMD_STOP_MULTI = 0x28,

CMD_READ_DATA = 0x39,

CMD_WRITE_DATA = 0x49,

CMD_LOCK_UNLOCK = 0x82,

CMD_KILL = 0x65,

CMD_SET_REGION = 0x07,

CMD_INSERT_FHSS_CHANNEL = 0xA9,

CMD_GET_RF_CHANNEL = 0xbb,

CMD_SET_RF_CHANNEL = 0xAB,

CMD_SET_CHN2_CHANNEL= 0xAF,

CMD_SET_US_CHANNEL = 0xAC, // For RFCONN Conference

CMD_OPEN_PA = 0xAE, // For RFCONN Conference

CMD_SET_FHSS = 0xAD,

CMD_SET_POWER = 0xB6,

CMD_GET_POWER = 0xB7,

CMD_GET_SELECT_PARA = 0x0B,

CMD_SET_SELECT_PARA = 0x0C,

CMD_GET_QUERY_PARA = 0x0D,

CMD_SET_QUERY_PARA = 0x0E,

CMD_SET_CW = 0xB0,

CMD_SET_BLF = 0xBF,

CMD_FAIL = 0xFF,

CMD_SUCCESS = 0x00,

CMD_SET_SFR = 0xFE,

CMD_READ_SFR = 0xFD,

CMD_INIT_SFR = 0xEC,

CMD_CAL_MX = 0xEA,

```
    CMD_CAL_LPF                = 0xED,
    CMD_READ_MEM               = 0xFB,
    CMD_SET_INV_MODE  =    0x12,
    CMD_SET_UART_BAUDRATE    = 0x11,

    CMD_SCAN_JAMMER  =    0xF2,
    CMD_SCAN_RSSI     =    0xF3,
    CMD_AUTO_ADJUST_CH =    0xF4,

    CMD_SET_MODEM_PARA  =    0xF0,
    CMD_READ_MODEM_PARA =    0xF1,
    CMD_SET_ENV_MODE  =    0xF5,
    CMD_TEST_RESET  =    0x55,

    CMD_POWERDOWN_MODE =    0x17,
    CMD_SET_SLEEP_TIME  =    0x1D,
    CMD_IO_CONTROL  =    0x1A,
    CMD_RESTART        =    0x19,
    CMD_LOAD_NV_CONFIG =    0x0A,
    CMD_SAVE_NV_CONFIG =    0x09,
    CMD_ENABLE_FW_ISP_UPDATE = 0x1F,

    CMD_SET_READ_ADDR      = 0x14
};
```