

```

#include <SPIFlash.h>

#define SERIAL_BAUD 115200
#define SS_FLASHMEM PA4

char input = 0;
long lastPeriod = -1;
uint32_t memAddress;
#define PTT PA5

uint16_t expectedDeviceID=0xC220;
SPIFlash flash(SS_FLASHMEM, expectedDeviceID);
//HardwareSerial Serial2(USART2);

void setup() {

    Serial2.begin(SERIAL_BAUD);
    delay(1000);
    Serial2.println("Start...");
    pinMode(PTT, OUTPUT);
    digitalWrite(PTT, 0);
    delay(10);
    digitalWrite(PTT, 1);

    /*SPI.setMOSI(PB15);
    SPI.setMISO(PB14);
    SPI.setSCLK(PB13);
    SPI.begin(PB12);*/

    if (flash.initialize())
        Serial2.println("Init OK!");
    else
        Serial2.println("Init FAIL");
    delay(1000);

    Serial2.println("Erasing Flash chip ... ");

```

```
flash.chipErase();  
while(flash.busy());  
Serial2.println("DONE");  
}  
  
void loop() {  
    memAddress = 0x4E0000;  
    Serial2.flush();  
    while(1)  
    {  
        while(!Serial2.available());  
        input = Serial2.read();  
        flash.writeByte(memAddress, input);  
        //Serial2.println(memAddress);  
        //Serial2.write(0x55);  
        memAddress++;  
    }  
}
```