

```

#include <stdio.h>
#include <stdlib.h>
#include <libusb-1.0/libusb.h>

#define VENDOR_ID 0x4242
#define PRODUCT_ID 0x0001
#define EP_IN      0x81 // EP1 IN

int main(void)
{
    libusb_context *ctx = NULL;
    libusb_device_handle *dev = NULL;

    libusb_init(&ctx);

    dev = libusb_open_device_with_vid_pid(ctx, VENDOR_ID, PRODUCT_ID);
    if (!dev) {
        fprintf(stderr, "Périphérique non trouvé\n");
        libusb_exit(ctx);
        return 1;
    }

    libusb_claim_interface(dev, 0);

    int transferred;

    // Envoie la commande de lecture
    uint8_t cmd = 0x10;
    libusb_interrupt_transfer(dev, 0x02, &cmd, 1, &transferred, 1000);

    // Lit la réponse
    uint8_t sig[3] = {0};
    int ret = libusb_interrupt_transfer(dev, EP_IN, sig, 3, &transferred, 1000);
    if (ret < 0) {
        fprintf(stderr, "Erreur lecture : %s\n", libusb_error_name(ret));
    } else {
        printf("Signature AVR : 0x%02X 0x%02X 0x%02X\n", sig[0], sig[1], sig[2]);
        printf("(ATmega328P attendu : 0x1E 0x95 0x0F)\n");
    }

    libusb_release_interface(dev, 0);
    libusb_close(dev);
    libusb_exit(ctx);

    return 0;
}

```