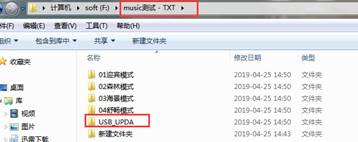
# Chip readingTXT or BIN or other file serial port return

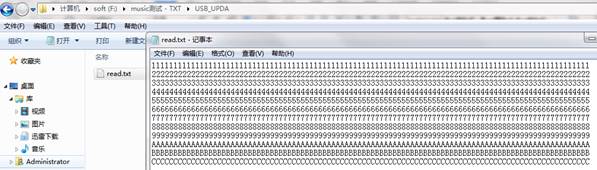
# I. Introduction

The chip supports the file system, so it can easily read the file content specified in the U disk or TF card.At present, we have expanded the function of reading TXT files. The way to achieve this is to read once when initializing the U disk or TF card, and not when playing music normally.

# 2. The Method of Realization

## 1.1 Naming rules for TXT documents -- as follows



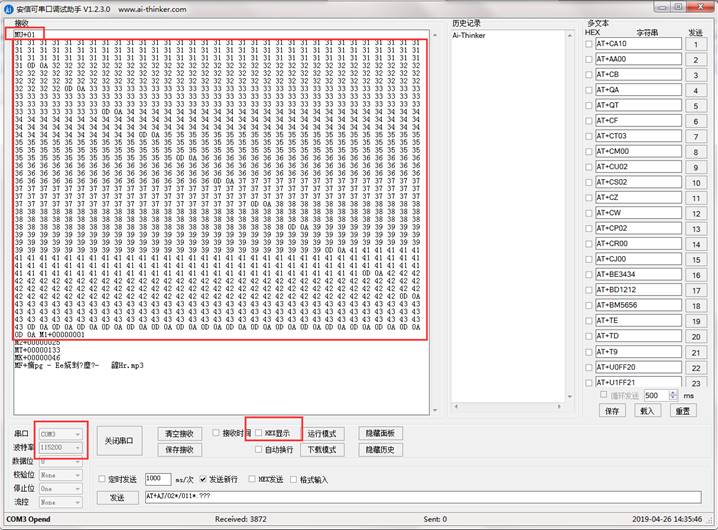


1. TXT documents must exist in the "USB\_UPDA" folder and be named "read.txt"

2. If the file you need to read is a bin file, the same is true.The file to be read must be renamed read.txt

3. All files are readable, but please note that the name must be changed again.

## 1.2 The effect of chip serial port printing is as follows:



1. Serial ports will be sent out in the form of hexadecimal.Attention is sent one to one.Note that 0x31 in the TXT above corresponds to the character "1".Among them, 0x32 corresponds to the character "2".Analogy in turn.

2. For user&apos;s convenience, we set it to read 512 bytes once, then forward it to the serial port after reading, and then delay 500 ms to read the next 512 bytes.

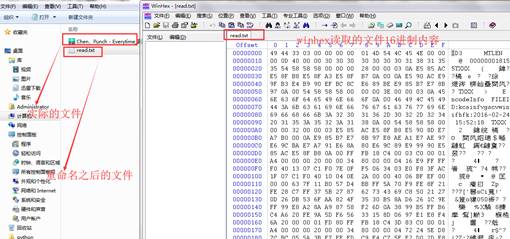
Until the front part is finished.If the file to be read is less than 512 bytes, then read once and exit.

3. The more content of TXT files, the longer time it takes. The actual time is based on testing.

4. Each time the device is inserted or initialized, the file is read once.Enter MP3 to play normally.

5. As long as the device is not switched or inserted, the file will only be read once.

## 1.3 Examples of chip reading MP3 or bin files:



# D:\document\convert_tasks\transweb\1603712_1615787\1603712.doc.files\image005.jpg