

## YX3157 功放板（光耦版）说明书

YX3157

MP3

DC12

40V

32M bit

➤ MP3

➤

➤

➤

➤

➤

➤

DC12-40V

15W

8

USB

➤

➤

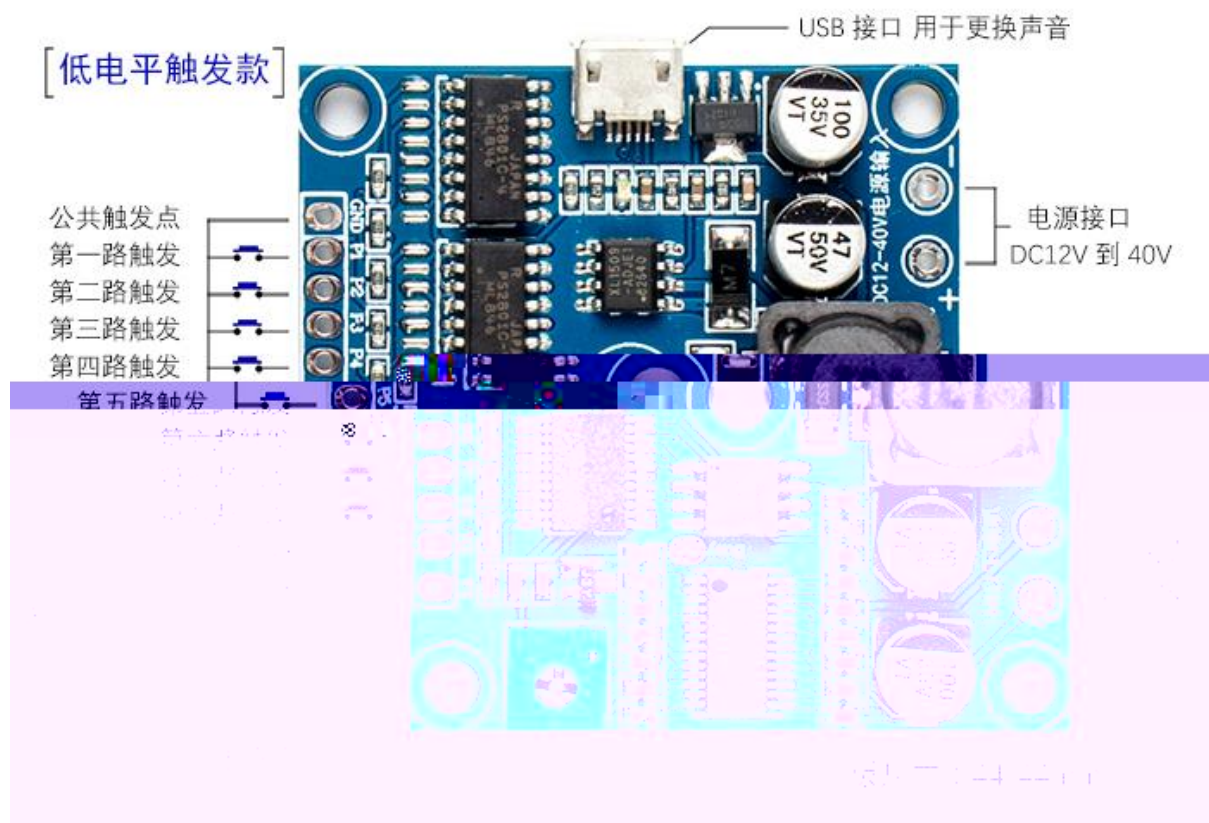
➤

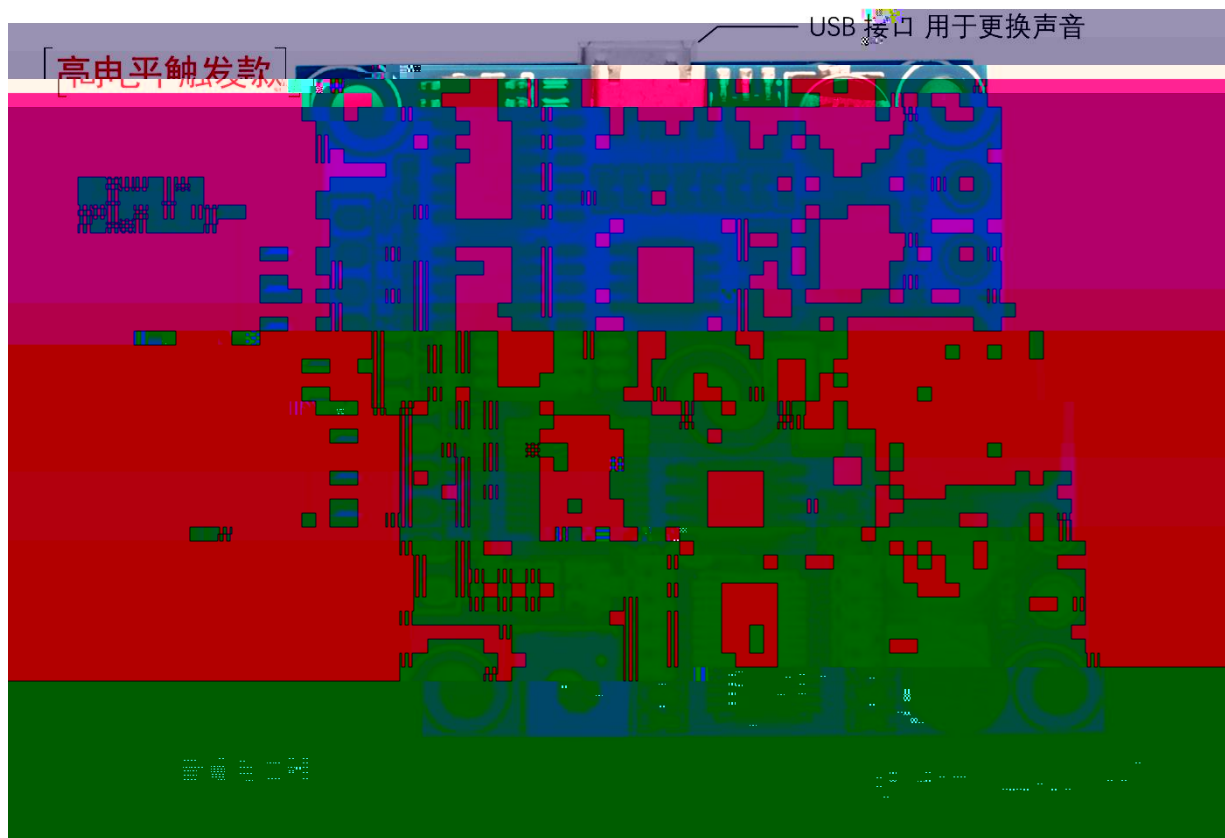
➤

➤

( )

### YX3157功放板接口信息



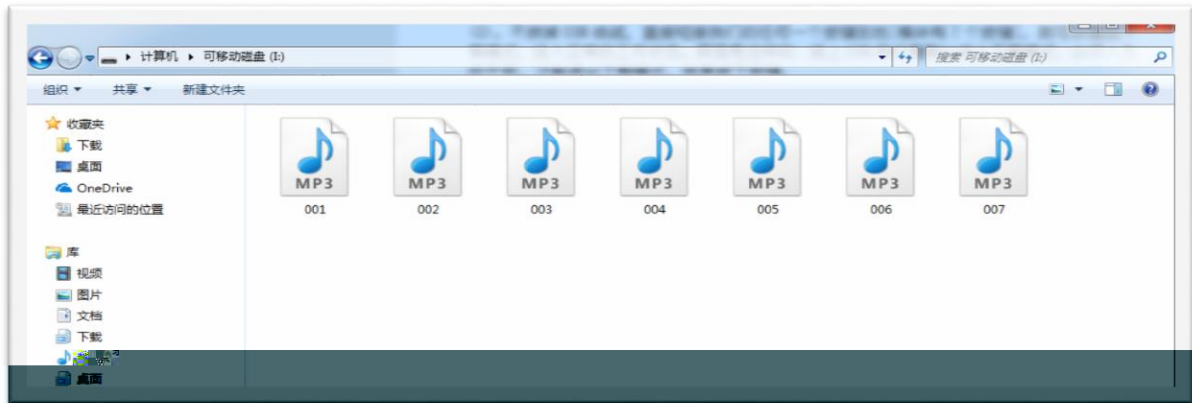


|     |          |          |          |
|-----|----------|----------|----------|
| MP3 | I0       | AD       | MP3      |
| 8   |          |          |          |
| MCU |          |          |          |
|     | FAT      |          |          |
|     |          | read.cfg |          |
| (1) | read.cfg |          |          |
|     | MP3      |          | read.cfg |
| (2) |          |          |          |
| (3) | 0-B      | I0       | 1        |
|     |          |          | 12       |







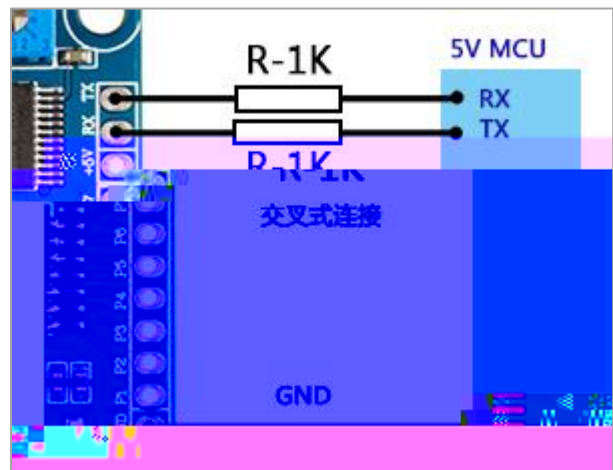
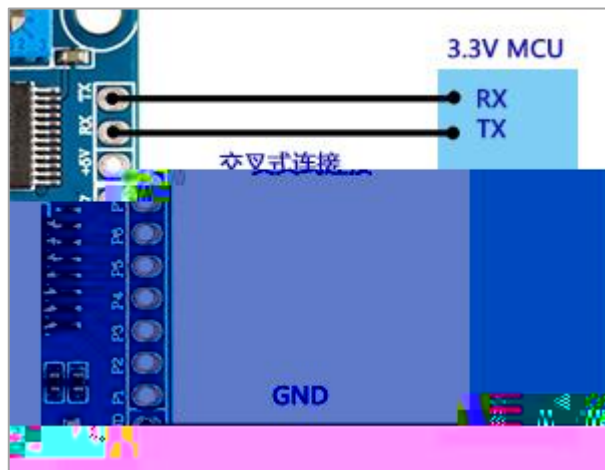


U

FLASH.

TTL3.3V

9600



:9600 bps

:8

:none

:none

| \$S      | VER | Len | CMD  | Feedback | para1 | para2   | checksum  | \$0 |
|----------|-----|-----|------|----------|-------|---------|-----------|-----|
| \$S      |     |     | 0x7E |          |       |         | \$ , 0x7E |     |
| VER      |     |     |      |          |       | [ 0xff] |           |     |
| Len      |     | len |      |          |       |         |           |     |
| CMD      |     |     |      |          |       |         | , /       |     |
| Feedback |     |     |      |          |       | , 1 , 0 |           |     |
| para1    |     | 1   |      |          |       | ( )     |           |     |
| para2    |     | 2   |      |          |       |         |           |     |
| checksum |     |     | [ ]  |          |       |         | [ \$]     |     |
| \$0      |     |     |      |          |       |         | 0xEF      |     |

6 , 6 NORFLASH :7E FF 06 09 00 00 04 FF dd EF  
[FF 06 09 00 00 04]

| CMD  | ( )       | (16 )                |
|------|-----------|----------------------|
| 0x01 |           |                      |
| 0x02 |           |                      |
| 0x03 | (NUM)     | 1-2999               |
| 0x04 | +         |                      |
| 0x05 | -         |                      |
| 0x06 |           | 0-30                 |
| 0x08 |           | 0-2999               |
| 0x09 | 1/2/3/4/5 | U/SD/AUX/SLEEP/FLASH |
| 0x0D |           |                      |
| 0x0E |           |                      |
| 0x0F |           | 1-10( )              |
| 0x11 |           | [1: ][0: ]           |
| 0x12 | MP3       | 0 - -9999            |
| 0x13 |           | 0 - -9999            |
| 0x15 |           |                      |
| 0x16 |           |                      |
| 0x17 |           |                      |
| 0x18 |           |                      |
| 0x19 |           |                      |
| 0x21 |           |                      |
| 0x22 |           |                      |
| 0x25 |           |                      |

| CMD  | ( )   | (16 )       |
|------|-------|-------------|
| 0x3F |       | 0 - 0x0F( ) |
| 0x40 |       |             |
| 0x41 |       |             |
| 0x42 |       |             |
| 0x43 |       |             |
| 0x44 | EQ    |             |
| 0x45 |       |             |
| 0x46 |       |             |
| 0x47 | UDISK |             |
| 0x48 | TF    |             |

|      |       |              |
|------|-------|--------------|
| 0x49 | FLASH |              |
| 0x4B | UDISK |              |
| 0x4C | TF    |              |
| 0x4D | FLASH |              |
| 0x4E |       |              |
| 0x4F |       |              |
| 0x47 | UDISK | U [MP3/WAV ] |

DH = 0x03 ; DL = 0xE8

(4)

16

(1) 30

(2) 15 , :7E FF 06 06 00 00 0F FF D5 EF

(3) DH = 0x00 ; DL = 0x0F 15 16 0x000F

|    |            |                               |
|----|------------|-------------------------------|
| 01 | 001xxx.mp3 | 7E FF 06 0F 00 01 01 xx xx EF |
| 11 | 100xxx.mp3 | 7E FF 06 0F 00 0B 64 xx xx EF |
| 99 | 255xxx.mp3 | 7E FF 06 0F 00 63 FF xx xx EF |

|    |            |                               |
|----|------------|-------------------------------|
| 01 | 001xxx.mp3 | 7E FF 06 0F 00 01 01 xx xx EF |
| 11 | 100xxx.mp3 | 7E FF 06 0F 00 0B 64 xx xx EF |
| 99 | 255xxx.mp3 | 7E FF 06 0F 00 63 FF xx xx EF |

|                                                                            |                                               |
|----------------------------------------------------------------------------|-----------------------------------------------|
| 7E FF 09 21 01 02 02 03 01 04 EF                                           | [1,2][2,3][1,4]                               |
| 7E FF 15 21 01 02 02 03 01 04 01 03 01 04 01 05 02 08 03 04 03 01 FE 9A EF | [1,2][2,3][1,4][1,3][1,4][1,5][1,8][3,4][3,1] |
| 7E FF 15 21 01 02 02 03 01 04 01 03 01 04 01 05 02 08 03 04 03 01 EF       | [1,2][2,3][1,4][1,3][1,4][1,5][1,8][3,4][3,1] |

(1) TTS

TTS

15

(2) 7E FF 15 21 01 02 02 03 01 04 01 05 01 06 01 07 02 08 03 04 03 02 EF

CMD=0x21---

LEN=0x15 = 21 --FF 15 21 01 02 02 03 01 04 01 05 01 06 01 07 02 08 03 04 03 02[

02[ 01 002 02 003 01 004 01 005 01 006 01 007 02 008 03 004 03 002 9 [ ]

(3)

“ Adobe Audition CS5.5 ”

“ GoldWave.exe ”

(4) “ 13 12 24 ”

(5)

(6) “ 01 ” “ 02 ” “ 001xx.mp3 ”

QA

0 9

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| V1.0 |  | 2017/3 |
|------|--|--------|
| V1.1 |  | 2017/5 |
| V1.2 |  | 2019/2 |