

ST17H66T

在线烧录说明

1、烧录前准备

- 烧录PC软件： LeKit_v2.5.3及以上版本
- 烧录目标板： 空片ST17H66T及最小系统
(16MHz/10ppm晶振&电源)
- 在线烧录工具： 使用方法参考“[ST17H65/66在线下载烧录器烧写方法说明V1.2](#)”， ST17H66T烧录引脚有调整， 使用第3&4脚烧录
- 烧录程序： 工程编译生成的.ihex文件（路径： 工程/ck802_proj/Obj）

2、烧录步骤

- 接线及进入烧录模式参考烧录文档
- 在线烧录工具按下复位开关，进入cmd烧录模式
- 在HEX Merge栏下APP导入.ihex文件，点击HexF生成hex文件
- 切换到HEX栏，导入刚刚生成的.hex文件，修改RUN_ADDR地址为1FFF1000，点击uartRun后，程序会烧录进SRAM运行。

LeKit

File Edit Settings Help

Flash_Writer RF_CMD RF_QuickSet Multi_FW

Config Timeout Save Clear ☐ OTP

fct_Mode Erase Size Address Erase Write ☐ LW

IMG HEX HEX Merge

BOOT No OTA ☐ Hex16 HexF

APP ☐ SEC ☐ Auth Encrypt

FLA_ADDR

FLA_ADDR

FLA_ADDR

FLA_ADDR

FLA_ADDR

FLA_ADDR

ChipID/IV

PID[16] LID[10] TID[14] CheckID

MID[16] SID[08] IV[13] WriteID

MAC[6] KEY1[32] KEY2[32] WriteMAC

Single Batch

	TYPE	PATH	SIZE	ADDRESS	VALUE
1	MAC				21:35:45:64:56:45
2					
3					
4					
5					

Command: ☐ HEX Send ClearBuf

☒ UART Setting

Port Baud Rate Stop Bits Parity

☐ SWU Disconnect AutoCheck Update

Log

```
Current baudrate: 9600
Current stopBits: 1
Current parity: No
Serial opened!!
*****
UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
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UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
UART RX: cmd>>:
Current port: COM21
Current baudrate: 115200
Current stopBits: 1
Current parity: No
Serial opened!!
*****
```

☐ TimeTic Mode Save Clear

进入cmd烧录模式

UART INFO: Port: COM21, Baudrate: 115200, StopBits: 1, Parity: No

V2.5.3

LeKit

File Edit Settings Help

Flash_Writer RF_CMD RF_QuickSet Multi_FW

Config Timeout 4000 Save Clear ☐ OTP

fct_Mode Erase Size 512k Address Erase Write ☐ LW

IMG HEX HEX Merge

1 导入ihex文件

2 点击生成hex文件

BOOT APP -- -- -- -- -- --

n_T/ck802_proj/Obj/RGBLight_Common_T.ihex

No OTA Hex16 HexF

SEC Auth -- Encrypt

FLA_ADDR

FLA_ADDR

FLA_ADDR

FLA_ADDR

FLA_ADDR

FLA_ADDR

ChipID/IV

PID[16] LID[10] TID[14] CheckID

MID[16] SID[08] IV[13] WriteID

MAC[6] KEY1[32] KEY2[32] WriteMAC

Single Batch

	TYPE	PATH	SIZE	ADDRESS	VALUE
1	MAC				21:35:45:64:56:45
2					
3					
4					
5					

Command: ☐ HEX Send ClearBuf

☒ UART Setting

Port COM21 Baud Rate 115200 Stop Bits 1 Parity No

☐ SWU Disconnect AutoCheck Update

Log

```
UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
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UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
UART TX ASCII: UXTDWU
UART RX: cmd>>:
Current port: COM21
Current baudrate: 115200
Current stopBits: 1
Current parity: No
Serial opened!!
*****
Load AppHex Done[-NO-ENC-]!
IV BLOCK GEN [-NO-ENC-]
[hexPack]: 1FFF0000 200
[hexPack]: 1FFF1000 2d6c
[App HexPack Size]: 2
>> BOOT=====0x11002000-----0x11002030=====
>> APP=====0x11005000-----0x11007f74=====

The App Hex file Last modified: 2022-08-06 11:08:13
[HEXF Generation] Success: G:/ST17H65T_Code/
ST17H6xT_SDK_V5.1.0_RGBLight_release/example/ble_peripheral/
RGBLight_Common_T/ck802_proj/Obj/RGBLight_Common_T.hexf !!!
[HEXF Generation]::DONE !!!
```

3 显示hex文件生成成功

☐ TimeTic Mode ASCII Save Clear

UART INFO: Port: COM21, Baudrate: 115200, StopBits: 1, Parity: No

V2.5.3

LeKit

File Edit Settings Help

Flash_Writer RF_CMD RF_QuickSet Multi_FW

Config Timeout Save Clear ☐ OTP

fct_Mode Erase Size Address Erase Write ☐ LW

IMG HEX ☒ HEX Merge ☐ 1 导入hex文件 2 修改为1FFF1000

M0 Merge FLA_ADDR RUN_ADDR UartRun

The hex file has been loaded. Last modified: 2022-08-06 13:56:39

NO.1 Size: 02D6C, Flash Address: 11005000, Run Address: 1FFF1000
NO.2 Size: 00200, Flash Address: 11008000, Run Address: 1FFF0000

3 点击开始

Single Batch

	TYPE	PATH	SIZE	ADDRESS	VALUE
1	MAC				21:35:45:64:56:45
2					
3					
4					
5					

Command: ☐ HEX Send ClearBuf

☒ UART Setting

Port Baud Rate Stop Bits Parity

☐ SWU Disconnect AutoCheck Update

Log

```
Current parity: No
Serial opened!!
*****
Load AppHEX Done[-NO-ENC-]!
IV BLOCK GEN [-NO-ENC-]
[hexPack]: 1FFF0000 200
[hexPack]: 1FFF1000 2d6c
[App HexPack Size]: 2
>> BOOT=====0x11002000-----0x11002030=====
>> APP=====0x11005000-----0x11007f74=====

The App Hex file Last modified: 2022-08-06 11:08:13

[HEXF Generation] Success: G:/ST17H65T_Code/
ST17H6xT_SDK_V5.1.0_RGBLight_release/example/ble_peripheral/
RGBLight_Common_T/ck802_proj/Obj/RGBLight_Common_T.hexf !!!
[HEXF Generation]::DONE !!!
Send uartrun successfully!
Receive #OK!
Send uartbin successfully!
UART RX ASCII: by hex mode:
Receive image request!
Send image successful! Waiting to receive checksum...
Send checksum successfully!
UART RX ASCII: checksum is: 0x000e8c12#OK>>:
Receive #OK!
Send uartbin successfully!
UART RX ASCII: by hex mode:
Receive image request!
Send image successful! Waiting to receive checksum...
Send checksum successfully!
UART RX ASCII: checksum is: 0x00000000#OK>>: 4 烧录完成
Receive #OK!
```

☐ TimeTic Mode Save Clear

UART INFO: Port: COM21, Baudrate: 115200, StopBits: 1, Parity: No

V2.5.3

注意事项

- 程序大小不能超过16K，否则无法正常运行及烧录；
- 如需调试打印，注释其他无关LOG信息以节省空间；