Realtek

RTL8761A Bluetooth Chip

Simple

Efuse PG Tool

BTOnlyEfuseTool

User Manual

Draft v0.1
2016/12/14

Revision History

Date	Version	
2016/12/14	Draft v0.1	Initail

Catalog

Revision History 2

Figure List

1. Overview

This document is used to introduce efuse PG tool "BTOnlyEfuseTool" for Realtek **RTL8761A** Bluetooth chip series. Customers should comply with the steps and requirements under this document.

Before use this tool, PC should direct connected **UART/USB port**. The connection between Bluetooth and HOST chip must be cut off.
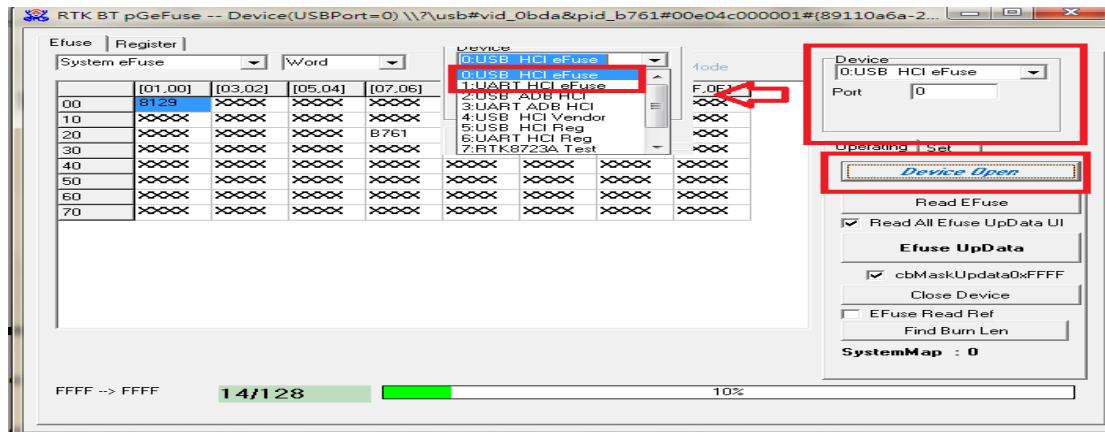
2.Device Interface of RTL8761AU Device

Figure 1 open RTL8761A Device

Step 1: Select correct interface.

● USB : If the module interface is "USB", please select "0:USB HCI eFuse" and "Port =1" to Open.

● UART:If the module interface is UART, please select "1:UART HCI eFuse" and check COM port number in Device Manager. "BTOnlyEfuseTool" only supports COM port number is smaller than "10". If COM port number is larger than "10", open operation will fail.
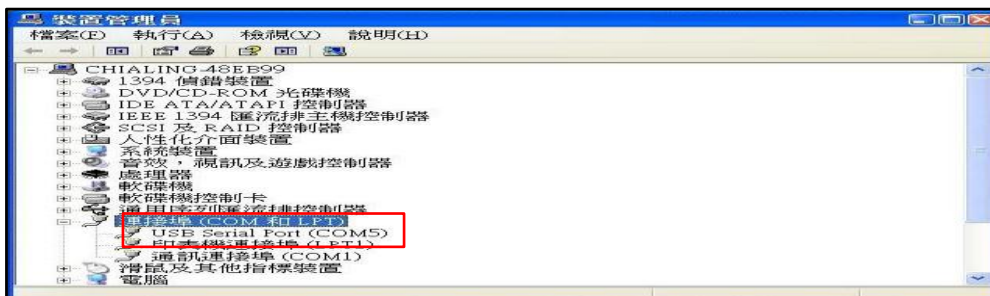

Figure 2 Check COM port number
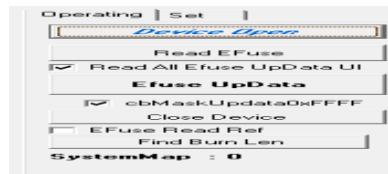
2.1 Operating Page

Figure 3 Operating Page

(A) **Click "Devce Open" to open Device.**

To Click licking "Device Open" button, the button static progress line changes to green means deivce open is successful.

(B) **Click "Device Close" to Close the Device.**

Clicking "Device Close" button, the button static progress line changes to Red.

(C) **Click "Read Efuse" to read efuse from Device.**

(D) **Click "Efuse Updata" to   program efuse of Device.**
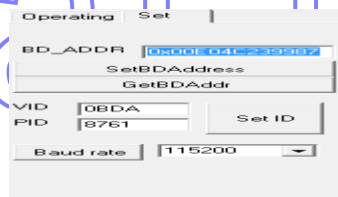
2.2 Set Page

Figure 4   **Set Page**

(A) **BD_ADDR**

To setting the BD_Address in BT Efuse Bank.

BT Bank	Efuse start offset	Length	Default Value
BT Efuse	0x3C	6 Byte	0x00E04C239987

(B) **VID/PID**

To setting the BD_Address in BT Efuse Bank.

Item	BT Bank	Efuse start offset	Length	Default Value
VID	system Efuse	0x24	2 Byte	0x0bda
PID	system Efuse	0x26	2 Byte	0xb761

Last to click the "**Efuse Updata**" of   "Operating Page".