



# Gretel Updating software

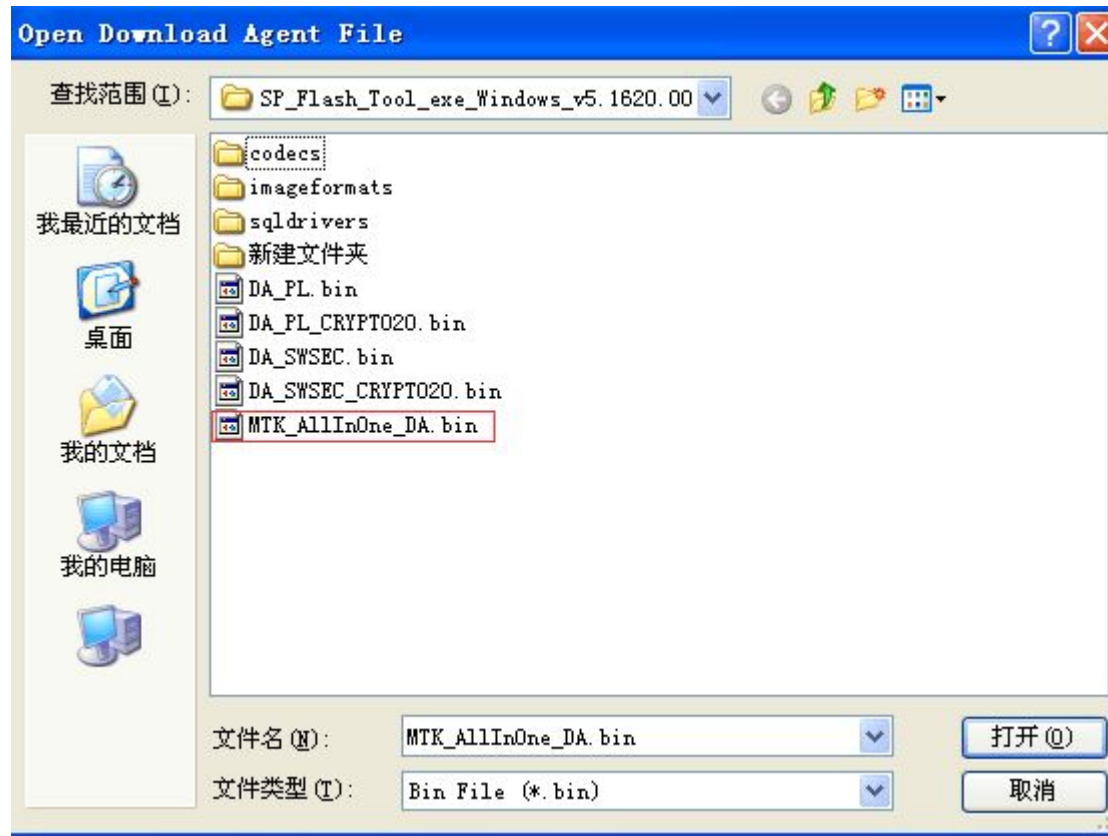
1. Double Click  flash\_tool.exe to enter the process  
(this icon is in folder”  SP\_Flash\_Tool\_exe\_Windows\_v5.1620.00.000”) )

# Click the “Download Agent”

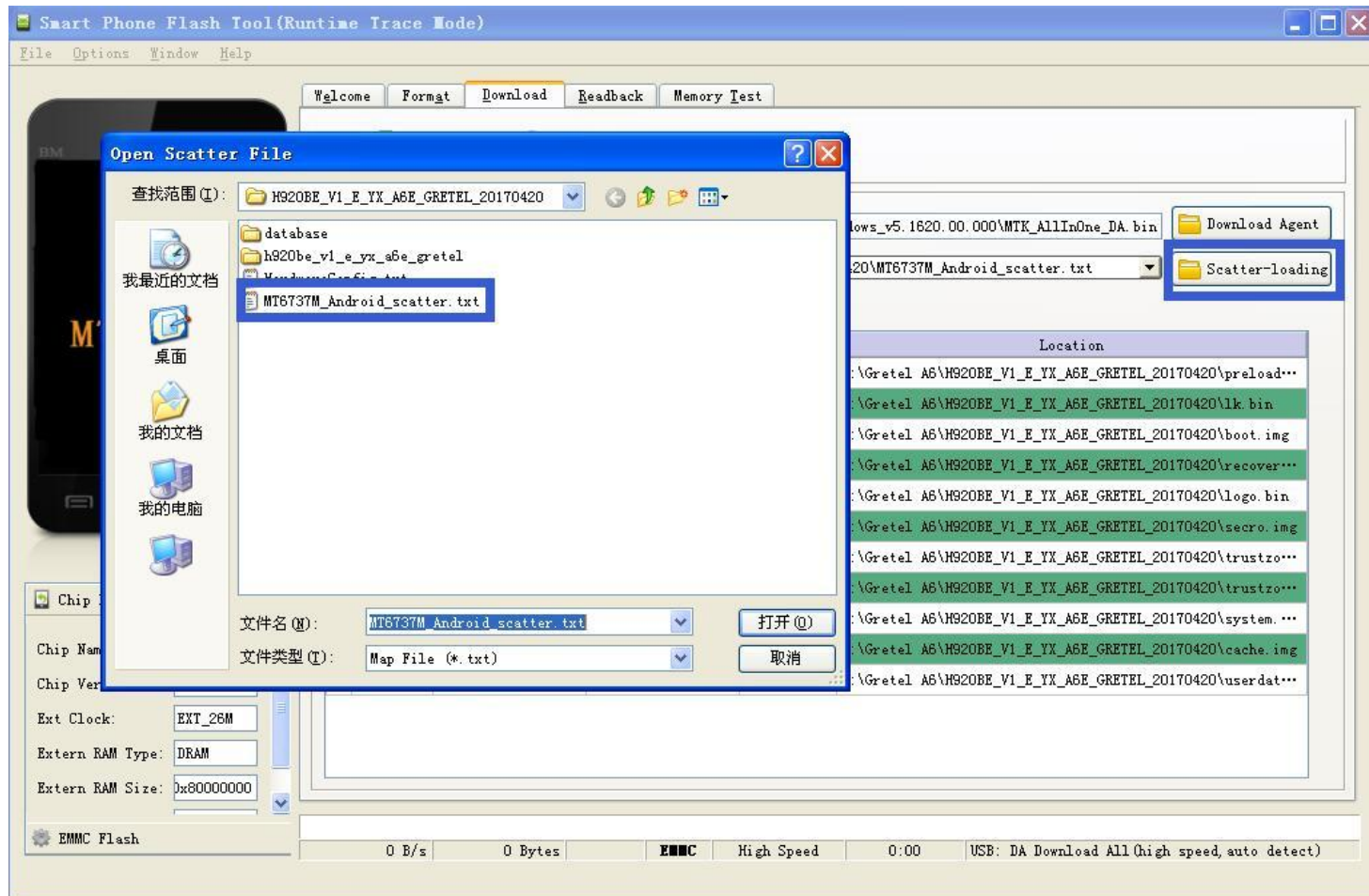
The screenshot displays the Smart Phone Flash Tool (Runtime Trace Mode) interface. The main window has a menu bar (File, Options, Window, Help) and a toolbar with buttons for Welcome, Format, Download, Readback, and Memory Test. The Download button is highlighted. Below the toolbar, there are Download and Stop buttons. The Download-Agent field contains the path: 编写工具\6737下载工具\SP\_Flash\_Tool\_exe\_Windows\_v5.1620.00.000\MTK\_AllInOne\_DA.bin. The Scatter-loading File field is empty. The Download Only dropdown is set to Download Only. A table lists various components to be downloaded, with the Download Agent and Scatter-loading buttons highlighted in blue boxes. The Chip Info section shows details for the MT6737M chip, including Chip Name, Chip Version, Ext Clock, Extern RAM Type, and Extern RAM Size. The EMMC Flash section shows the current status: 0 B/s, 0 Bytes, EMMC, High Speed, 0:00, and USB: DA Download All (high speed, auto detect).

Name	Begin Address	End Address	Region	Location
preloader	0x0000000000000000	0x000000000001c8e3	EMMC_BOOT_1	E:\A6软件版本和资料\H920BE_V1_E_YX_A6E_GRETEL_20170220(...)
lk	0x0000000001c80000	0x0000000001cc61ef	EMMC_USER	E:\A6软件版本和资料\H920BE_V1_E_YX_A6E_GRETEL_20170220(...)
boot	0x0000000001d80000	0x000000000247ffff	EMMC_USER	E:\A6软件版本和资料\H920BE_V1_E_YX_A6E_GRETEL_20170220(...)
recovery	0x0000000002d80000	0x00000000035237ff	EMMC_USER	E:\A6软件版本和资料\H920BE_V1_E_YX_A6E_GRETEL_20170220(...)
logo	0x0000000003d80000	0x0000000003ece92f	EMMC_USER	E:\A6软件版本和资料\H920BE_V1_E_YX_A6E_GRETEL_20170220(...)
secro	0x0000000005200000	0x0000000005220fff	EMMC_USER	E:\A6软件版本和资料\H920BE_V1_E_YX_A6E_GRETEL_20170220(...)
tee1	0x0000000006000000	0x000000000600ebff	EMMC_USER	E:\A6软件版本和资料\H920BE_V1_E_YX_A6E_GRETEL_20170220(...)
tee2	0x0000000006500000	0x000000000650ebff	EMMC_USER	E:\A6软件版本和资料\H920BE_V1_E_YX_A6E_GRETEL_20170220(...)
system	0x000000000b000000	0x000000000756c332f	EMMC_USER	E:\A6软件版本和资料\H920BE_V1_E_YX_A6E_GRETEL_20170220(...)
cache	0x0000000009000000	0x0000000009080012f	EMMC_USER	E:\A6软件版本和资料\H920BE_V1_E_YX_A6E_GRETEL_20170220(...)
userdata	0x000000000a800000	0x000000000aaa8624f	EMMC_USER	E:\A6软件版本和资料\H920BE_V1_E_YX_A6E_GRETEL_20170220(...)

# Choose the “MTK\_AllInOne\_DA.bin”



# Scatter-loading: Choose the software txt file ( the txt file starts with MT67..)



# Click download

Warning: please don't choose another option in this field  
Leave it as "download only ". If you choose another one, you may loose your basic data and your phone will not work as normal

Download Only

The screenshot shows the 'Smart Phone Flash Tool (Runtime Trace Mode)' interface. The main window has tabs for 'Welcome', 'Format', 'Download', 'Readback', and 'Memory Test'. The 'Download' tab is active, showing a 'Download' button (highlighted with a red box) and a 'Stop' button. Below these are fields for 'Download-Agent' (set to 'H号工具\6737下载工具\SF\_Flash\_Tool\_exe\_Windows\_v5.1620.00.000\MTK\_AllInOne\_DA.bin') and 'Scatter-loading File' (set to 'E:\Gretel A6\H920BE\_V1\_E\_YX\_A6E\_GRETEL\_20170420\MT6737M\_Android\_scatter.txt'). A dropdown menu is set to 'Download Only'. Below this is a table of files to be flashed:

<input checked="" type="checkbox"/>	Name	Begin Address	End Address	Region	Location
<input checked="" type="checkbox"/>	preloader	0x0000000000000000	0x0000000001cce3	EMMC_BOOT_1	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\preload...
<input checked="" type="checkbox"/>	lk	0x0000000001c80000	0x0000000001cc61ef	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\lk bin
<input checked="" type="checkbox"/>	boot	0x0000000001d80000	0x00000000024797ff	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\boot.img
<input checked="" type="checkbox"/>	recovery	0x0000000002d80000	0x0000000003521fff	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\recover...
<input checked="" type="checkbox"/>	logo	0x0000000003d80000	0x0000000003ace92f	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\logo.bin
<input checked="" type="checkbox"/>	secro	0x0000000005200000	0x0000000005220fff	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\secro.img
<input checked="" type="checkbox"/>	tee1	0x0000000006000000	0x000000000600ebff	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\trustz...
<input checked="" type="checkbox"/>	tee2	0x0000000006500000	0x000000000650ebff	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\trustz...
<input checked="" type="checkbox"/>	system	0x000000000b000000	0x0000000007583c3b	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\system...
<input checked="" type="checkbox"/>	cache	0x0000000009000000	0x0000000009060012f	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\cache.img
<input checked="" type="checkbox"/>	userdata	0x00000000a9000000	0x00000000aaa8624f	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\userdata...

At the bottom, the status bar shows '0 B/s', '0 Bytes', 'EMMC', 'High Speed', '0:00', and 'USB: DA Download All (high speed, auto detect)'. On the left, there is a 'Chip Info' section with fields for 'Chip Name' (MT6737M), 'Chip Version' (0x0000ca00), 'Ext Clock' (EXT\_26M), 'Extern RAM Type' (DRAM), and 'Extern RAM Size' (0x80000000). Below that is an 'EMMC Flash' section.



Connect phone(phone in power off state), it will start updating automatically

Smart Phone Flash Tool (Runtime Trace Mode)

File Options Window Help

Welcome Format Download Readback Memory Test

Download Stop

Download-Agent: 写号工具\6737下载工具\SP\_Flash\_Tool\_exe\_Windows\_v5.1620.00.000\MTK\_AllInOne\_DA.bin

Scatter-loading File: E:\Gretel A6\H920BE\_V1\_E\_YX\_A6E\_GRETEL\_20170420\MT6737M\_Android\_scatter.txt

Download Only

<input checked="" type="checkbox"/>	Name	Begin Address	End Address	Region	Location
<input checked="" type="checkbox"/>	preloader	0x0000000000000000	0x00000000001cce3	EMMC_BOOT_1	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\preload...
<input checked="" type="checkbox"/>	lk	0x0000000001c80000	0x0000000001c81ef	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\lk.bin
<input checked="" type="checkbox"/>	boot	0x0000000001d80000	0x00000000024797ff	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\boot.img
<input checked="" type="checkbox"/>	recovery	0x0000000002d80000	0x0000000003521fff	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\recovery...
<input checked="" type="checkbox"/>	logo	0x0000000003d80000	0x0000000003ace92f	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\logo.bin
<input checked="" type="checkbox"/>	secro	0x0000000005200000	0x0000000005320fff	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\secro.img
<input checked="" type="checkbox"/>	tee1	0x0000000006000000	0x000000000600ebff	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\trustro...
<input checked="" type="checkbox"/>	tee2	0x0000000006500000	0x000000000650ebff	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\trustro...
<input checked="" type="checkbox"/>	system	0x0000000006000000	0x000000007583c33b	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\system...
<input checked="" type="checkbox"/>	cache	0x0000000009000000	0x000000000900012f	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\cache.img
<input checked="" type="checkbox"/>	userdata	0x00000000a9000000	0x00000000aaa8624f	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\userdat...

Chip Info

Chip Name: MT6737M

Chip Version: 0x0000ca00

Ext Clock: EXT\_26M

Extern RAM Type: DRAM

Extern RAM Size: 0x80000000

EMMC Flash

Download Flash 8%

12.29M/s | 146.43M | EMMC | High Speed | 0:16 | PreLoader USB VCOM (Android) (COM5)

# Succeed!

The screenshot displays the 'Smart Phone Flash Tool (Runtime Trace Mode)' interface. On the left, a virtual phone image shows 'MT6737M'. The main window has tabs for 'Welcome', 'Format', 'Download', 'Readback', and 'Memory Test'. The 'Download' tab is active, showing a 'Download-Agent' field with the path 'D:\写号工具\6737下载工具\SP\_Flash\_Tool\_exe\_Windows\_v5.1620.00.000\MTK\_AllInOne\_DA.bin' and a 'Scatter-loading File' field with 'E:\Gretel A6\H920BE\_V1\_E\_YX\_A6E\_GRETEL\_20170420\MT6737M\_Android\_scatter.txt'. A 'Download Only' dropdown is set to 'Download'. A table lists files to be downloaded, including preloader, lk, boot, recovery, logo, secro, tee1, tee2, system, cache, and userdata. A yellow progress bar at the bottom indicates 'Download Flash 100%'. A status bar shows '12.36M/s', '1.71G', 'EMMC', 'High Speed', '2:27', and 'PreLoader USB VCOM (Android) (COM5)'. A 'Download Ok' dialog box with a green checkmark is overlaid on the table.

Name	Begin Addr	End Addr	File Name	Location
preloader	0x00000000	0x00000000		E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\preload...
lk	0x00000000	0x00000001		E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\lk bin
boot	0x00000000	0x00000001		E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\boot.img
recovery	0x00000000	0x00000002		E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\recover...
logo	0x00000000	0x00000003		E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\logo.bin
secro	0x00000000	0x00000005		E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\secro.img
tee1	0x00000000	0x00000006		E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\trustz...
tee2	0x00000000	0x0000000650ebff	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\trustz...
system	0x00000000	0x00000007583c33b	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\system...
cache	0x00000000	0x00000009080012f	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\cache.img
userdata	0x00000000	0x0000000a9000000	EMMC_USER	E:\Gretel A6\H920BE_V1_E_YX_A6E_GRETEL_20170420\userdat...