



自动扫口和自动识别下载口



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ACS7/ST

内容简介

- 工具界面(UI)改变
- 自动扫口
- 自动识别下载口



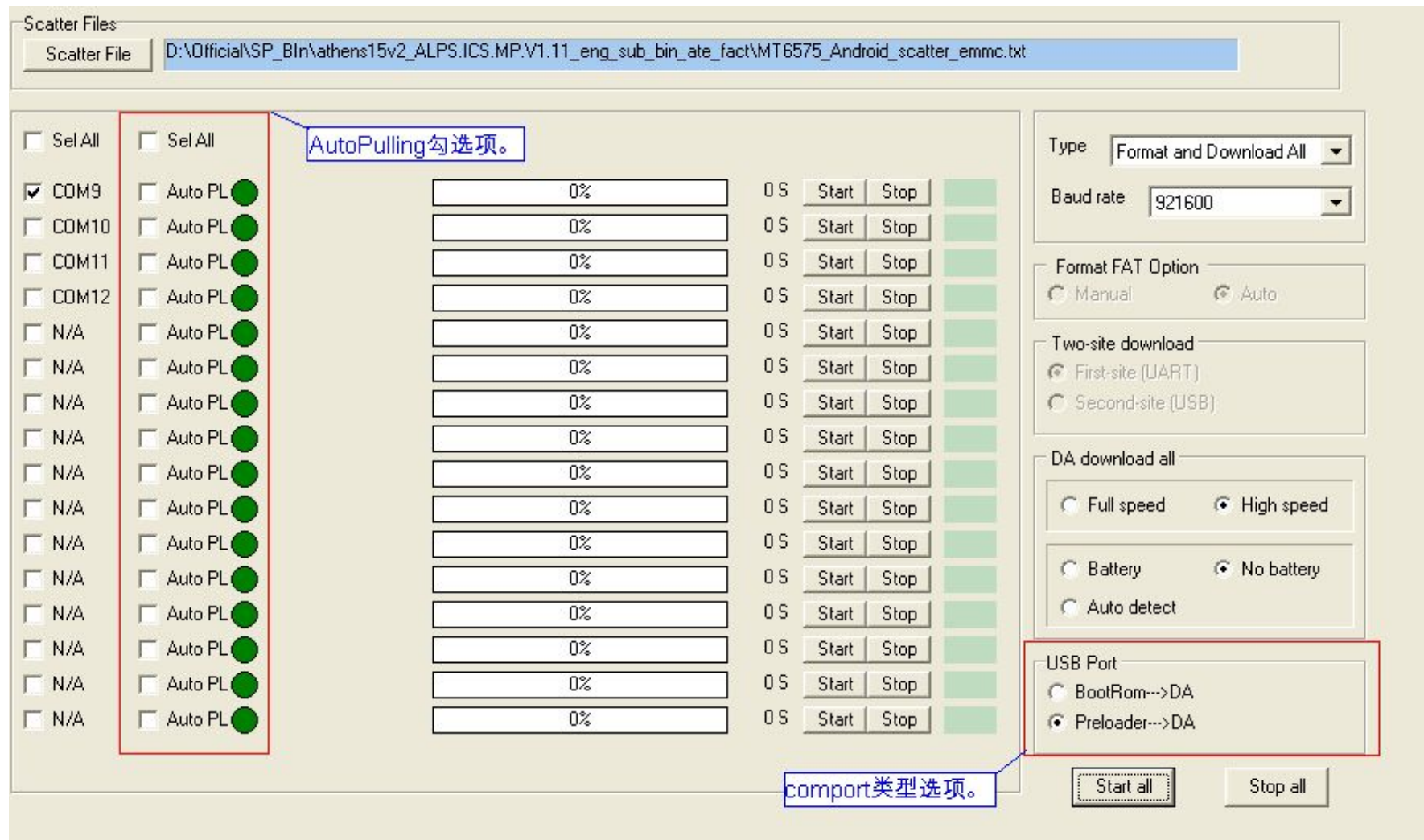
工具界面(UI)改变



工具界面(UI)改变

- 在每一路下载口前增加**索引标识**
- 去掉"USB PORT" 选择框, 替换为**Autopulling选项**
- 每一路下载的界面同时显示Bootrom口索引和Preloader口索引。
 - 表示这一路下载在**下载时可以自动识别出**的Bootrom Com索引和Preloader Com索引。
 - Com56+Com9 表示当前这路下载可以自动识别Bootrom Com56或者Preloader Com9的设备插入。

工具界面(UI)改变—改变前



工具界面(UI)改变—改变后

Scatter Files

Scatter File: D:\Official\SP_Bln\athens15v2_ALPS.MP.V1.11_eng_sub_bin_ate_fact\MT6575_Android_scatter_emmc.txt

BootRom+PreLoader COM

Index	COM	Progress	Status	Start	Stop
1	COM56 + COM 9	0%	0 S	Start	Stop
2	COM57 + COM24	0%	0 S	Start	Stop
3	COM84 + COM85	0%	0 S	Start	Stop
4	COM86 + COM87	0%	0 S	Start	Stop
5	COM89 + COM90	0%	0 S	Start	Stop
6	COM91 + COM92	0%	0 S	Start	Stop
7	COM93 + COM94	0%	0 S	Start	Stop
8	COM95 + COM96	0%	0 S	Start	Stop
9	COM97 + COM98	0%	0 S	Start	Stop
10	COM99 + COM100	0%	0 S	Start	Stop
11	COM101 + COM102	0%	0 S	Start	Stop
12	COM103 + COM104	0%	0 S	Start	Stop
13	COM105 + COM106	0%	0 S	Start	Stop
14	COM103 + COM104	0%	0 S	Start	Stop
15	COM101 + COM102	0%	0 S	Start	Stop
16	COM93 + COM94	0%	0 S	Start	Stop

comport索引显示，第一列为BootRom口，第二列为Preloader口。例如Com56+Com9，表示Bootrom Com为56口，Preloader Com为9口。

每个comport口索引。

1.把之前的Comport类型选项替换为AutoPulling选项
2.勾选上这个选项，则download成功一支手机之后，会自动等待下一支手机插入进行download。
3.勾选后，对所有的下载Com口有效。

Type: Format and Download All

Baud rate: 921600

Format FAT Option: ☐ Manual ☒ Auto

Two-site download: ☒ First-site (UART) ☐ Second-site (USB)

DA download all: ☐ Full speed ☒ High speed

☐ Battery ☒ No battery ☐ Auto detect

AutoPulling: ☒ EnableAutoPulling

Start all Stop all

Scan



自动扫口



自动扫口—介绍

■ 扫口原理：

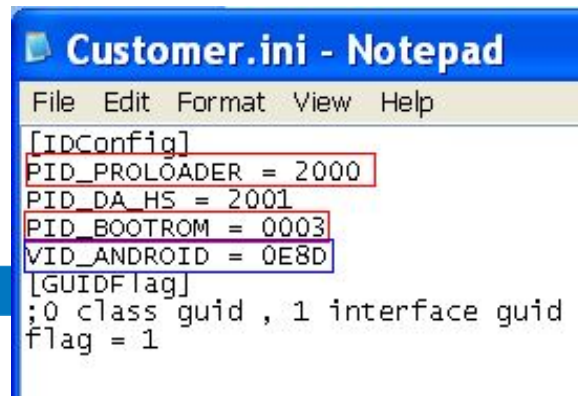
- 插入设备时，先扫Bootrom com，然后通过bootrom下载DA到手机，接着DA run起来后枚举出Preloader Com，以便达到同时扫出Bootrom com和Preloader Com的目的

■ 扫口前准备：

- 使用W1308版本或者之后的MDT tool
- [MUST]选择与MDT对应版本的DA和设备对应的Scattere file
- 准备一只没有下载过的USB设备，即空机，插入USB即可触发进入扫口。
注：如果没有空机并且设备有接出Kcol0下载触发按键，则也可以通过压下Kcol0来触发进入扫口。

■ MDT Tool如何识别Bootrom口和Preloader口

- 工具根目录的配置文件Customer.ini
- Vid&Pid如右图：
 - Bootrom为0E8D&0003
 - Preloader为0E8D&2000



自动扫口—步骤(1)

Data source file: MTK_DATABASE.mdb

DA file name: E:\SP_Tool\MDT\OfficialModify\SVN_MDT\output\MTK_AllInOne_DA.bin

Authentication file:

Certification File:

Scatter Files:

Scatter File: D:\Official\SP_Bin\athens15v2_ALPS.MP.V1.11_eng_sub_bin_ate_fact\MT6575_Android_scatter_emmc.txt

步骤1：选择MDT对应的DA 版本和设备对应的Scatter file。

步骤2：对需要扫口的选项进行勾选。

BootRom+PreLoader COM							
<input checked="" type="checkbox"/>	COM56 + COM 9	0%	0 S	Start	Stop		
<input checked="" type="checkbox"/>	COM57 + COM24	0%	0 S	Start	Stop		
<input checked="" type="checkbox"/>	COM84 + COM85	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM86 + COM87	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM89 + COM90	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM91 + COM92	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM93 + COM94	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM95 + COM96	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM97 + COM98	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM99 + COM100	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM101 + COM102	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM103 + COM104	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM105 + COM106	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM103 + COM104	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM101 + COM102	0%	0 S	Start	Stop		
<input type="checkbox"/>	COM93 + COM94	0%	0 S	Start	Stop		

Type: Format and Download All

Baud rate: 921600

Format FAT Option:

Manual ☐ Auto ☒

Two-site download:

First-site (UART) ☒ Second-site (USB) ☐

DA download all:

Full speed ☐ High speed ☒

Battery ☐ No battery ☒

Auto detect ☐

AutoPulling:

EnableAutoPulling ☒

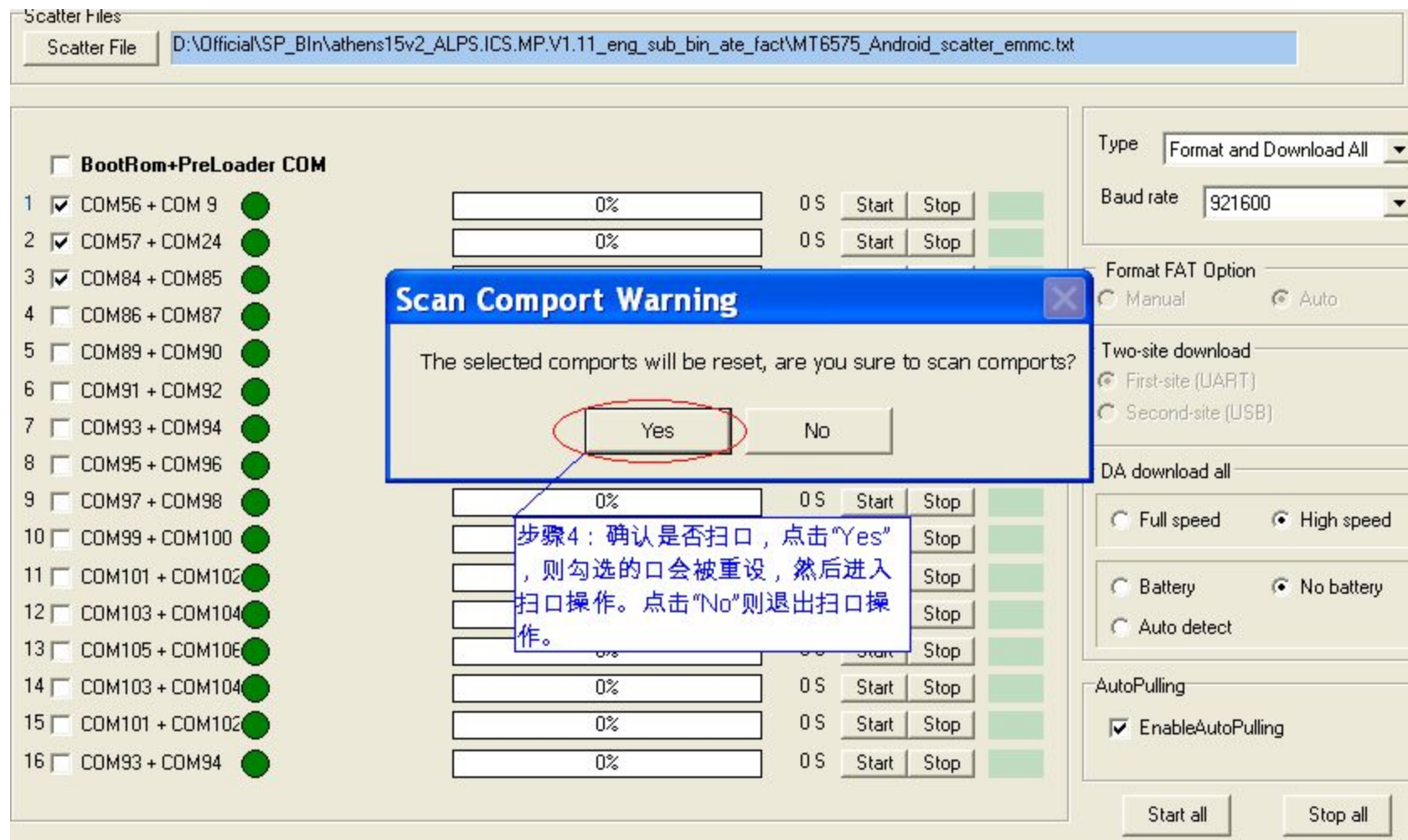
Start all

Stop all

Scan

步骤3：点击Scan按钮。

自动扫口—步骤(2)



自动扫口—步骤(3)

Scatter Files

Scatter File: D:\Official\SP_Bin\athens15v2_ALPS.MP.V1.11_eng_sub_bin_ate_fact\MT6575_Android_scatter_emmc.txt

☐ BootRom + PreLoader COM

Item	Configuration	Progress	Status	Start	Stop
1	<input checked="" type="checkbox"/> N/A + N/A	0%	0 S	Start	Stop
2	<input checked="" type="checkbox"/> N/A + N/A	0%	0 S	Start	Stop
3	<input checked="" type="checkbox"/> N/A + N/A	0%	0 S	Start	Stop
4	<input type="checkbox"/> COM86 + COM87	0%	0 S	Start	Stop
5	<input type="checkbox"/> COM89 + COM90	0%	0 S	Start	Stop
6	<input type="checkbox"/> COM91 + COM92	0%	0 S	Start	Stop
7	<input type="checkbox"/> COM93 + COM94	0%	0 S	Start	Stop
8	<input type="checkbox"/> COM95 + COM96	0%	0 S	Start	Stop
9	<input type="checkbox"/> COM97 + COM98	0%	0 S	Start	Stop
10	<input type="checkbox"/> COM99 + COM100	0%	0 S	Start	Stop
11	<input type="checkbox"/> COM101 + COM102	0%	0 S	Start	Stop
12	<input type="checkbox"/> COM103 + COM104	0%	0 S	Start	Stop
13	<input type="checkbox"/> COM105 + COM106	0%	0 S	Start	Stop
14	<input type="checkbox"/> COM103 + COM104	0%	0 S	Start	Stop
15	<input type="checkbox"/> COM101 + COM102	0%	0 S	Start	Stop
16	<input type="checkbox"/> COM93 + COM94	0%	0 S	Start	Stop

步骤5：状态灰显表示等待插入USB设备，请插入没有下载过的USB设备即插入空机。请不要一次插入多个USB设备，扫口只能扫完一路之后再进行下一路扫口。

Type: Format and Download All

baud rate: 921600

Format FAT Option

☐ Manual ☒ Auto

Two-site download

☒ First-site (UART) ☐ Second-site (USB)

DA download all

☐ Full speed ☒ High speed

☐ Battery ☒ No battery

☐ Auto detect

AutoPulling

☒ EnableAutoPulling

Start all Stop all

Scan

自动扫口—步骤(4)

Scatter Files

Scatter File: D:\Official\SP_Bln\athens15v2_ALPS.MP.V1.11_eng_sub_bin_ate_fact\MT6575_Android_scatter_emmc.txt

说明：插入USB设备后，Com57表示扫出Bootrom为Com57，然后下载DA，下载完之后，DA会枚举出Preloader口。

BootRom+PreLoader COM		DA	Progress	Time	Start	Stop
<input checked="" type="checkbox"/>	COM57 + N/A	DA	100%	0 S	Start	Stop
<input checked="" type="checkbox"/>	N/A + N/A		0%	0 S	Start	Stop
<input checked="" type="checkbox"/>	N/A + N/A		0%	0 S	Start	Stop
<input type="checkbox"/>	COM86 + COM87		0%	0 S	Start	Stop
<input type="checkbox"/>	COM89 + COM90		0%	0 S	Start	Stop
<input type="checkbox"/>	COM91 + COM92		0%	0 S	Start	Stop
<input type="checkbox"/>	COM93 + COM94		0%	0 S	Start	Stop
<input type="checkbox"/>	COM95 + COM96		0%	0 S	Start	Stop
<input type="checkbox"/>	COM97 + COM98		0%	0 S	Start	Stop
<input type="checkbox"/>	COM99 + COM100		0%	0 S	Start	Stop
<input type="checkbox"/>	COM101 + COM102		0%	0 S	Start	Stop
<input type="checkbox"/>	COM103 + COM104		0%	0 S	Start	Stop
<input type="checkbox"/>	COM105 + COM106		0%	0 S	Start	Stop
<input type="checkbox"/>	COM103 + COM104		0%	0 S	Start	Stop
<input type="checkbox"/>	COM101 + COM102		0%	0 S	Start	Stop
<input type="checkbox"/>	COM93 + COM94		0%	0 S	Start	Stop

Type: Format and Download All

Baud rate: 921600

Format FAT Option

☐ Manual ☒ Auto

Two-site download

☒ First-site (UART) ☐ Second-site (USB)

DA download all

☐ Full speed ☒ High speed

☐ Battery ☒ No battery

☐ Auto detect

AutoPulling

☒ EnableAutoPulling

自动扫口—步骤(5)

Scatter Files
Scatter File: D:\Official\android_scatter_emmc.txt

步骤6: "Scan Success"表示当前这路扫口成功, 请把USB设备(空机)拔出后插入到下一路USB线进行扫口。重复操作直到全部口扫完。

BootRom+PreLoader COM	COM	Scan Status	Progress	OS	Start	Stop
<input checked="" type="checkbox"/> COM57 + COM24	COM57 + COM24	Scan Success!	100%	OS	Start	Stop
<input checked="" type="checkbox"/> N/A + N/A	N/A + N/A		0%	OS	Start	Stop
<input checked="" type="checkbox"/> N/A + N/A	N/A + N/A		0%	OS	Start	Stop
<input type="checkbox"/> COM86 + COM87	COM86 + COM87		0%	OS	Start	Stop
<input type="checkbox"/> COM89 + COM90	COM89 + COM90		0%	OS	Start	Stop
<input type="checkbox"/> COM91 + COM92	COM91 + COM92		0%	OS	Start	Stop
<input type="checkbox"/> COM93 + COM94	COM93 + COM94		0%	OS	Start	Stop
<input type="checkbox"/> COM95 + COM96	COM95 + COM96		0%	OS	Start	Stop
<input type="checkbox"/> COM97 + COM98	COM97 + COM98		0%	OS	Start	Stop
<input type="checkbox"/> COM99 + COM100	COM99 + COM100		0%	OS	Start	Stop
<input type="checkbox"/> COM101 + COM102	COM101 + COM102		0%	OS	Start	Stop
<input type="checkbox"/> COM103 + COM104	COM103 + COM104		0%	OS	Start	Stop
<input type="checkbox"/> COM105 + COM106	COM105 + COM106		0%	OS	Start	Stop
<input type="checkbox"/> COM103 + COM104	COM103 + COM104		0%	OS	Start	Stop
<input type="checkbox"/> COM101 + COM102	COM101 + COM102		0%	OS	Start	Stop
<input type="checkbox"/> COM93 + COM94	COM93 + COM94		0%	OS	Start	Stop

Type: Format and Download All
Baud rate: 921600

Format FAT Option
☐ Manual ☒ Auto

Two-site download
☒ First-site (UART) ☐ Second-site (USB)

DA download all
☐ Full speed ☒ High speed

☐ Battery ☒ No battery
☐ Auto detect

AutoPulling
☒ EnableAutoPulling

说明: 点击"Stop All"则退扫口。

Start all Stop all Scan



自动识别下载口



自动识别comport口下载(1)

The screenshot shows the MTK Flash Tool interface with the following configuration:

- Data source file: MTK_DATABASE.mdb
- DA file name: E:\SP_Tool\MDT\W1308\SP_MDT_src_v3.1308.00\output\MTK_AllInOne_DA.bin
- Authentication file: (empty)
- Certification File: (empty)
- Scatter Files: D:\Offi...11_eng_sub_bin_ate_fact\MT6575_Android_scatter_emmc.txt
- BootRom+PreLoader CO: (checked)
- COM ports: 1-16, all checked
- Format and Download All: (checked)
- Baud rate: 921600
- Format FAT Option: Manual (selected), Auto (deselected)
- Two-site download: First-site (UART) (selected), Second-site (USB) (deselected)
- DA download all: Full speed (deselected), High speed (selected)
- AutoPulling: EnableAutoPulling (checked)
- Start all: (highlighted with a red circle)
- Stop all: (deselected)
- Scan: (deselected)

Annotations in Chinese describe the steps:

- 步骤1：选择MDT对应的DA版本。
- 步骤2：选择Scatter file文件。
- 步骤3：勾选下载要使用到的com口索引勾选选项。
- 步骤4：点击“Start All”进行下载。

自动识别comport口下载(2)

Scatter Files

Scatter File: D:\Official\SP_Bin\athens15v2_ALPS.ICS.MP.V1.11_eng_sub_bin_ate_fact\MT6575_Android_scatter_emmc.txt

步骤5：插入USB设备，进入下载操作。

☐ BootRom+PreLoader COM

1	<input checked="" type="checkbox"/> COM56 + COM 9	START	0%	66 S	Start	Stop	
2	<input checked="" type="checkbox"/> COM57 + COM24	DL	74%	18 S	Start	Stop	
3	<input checked="" type="checkbox"/> COM53 + COM58	START	0%	66 S	Start	Stop	
4	<input type="checkbox"/> COM86 + COM87		0%	0 S	Start	Stop	
5	<input type="checkbox"/> COM89 + COM90		0%	0 S	Start	Stop	
6	<input type="checkbox"/> COM91 + COM92		0%	0 S	Start	Stop	
7	<input type="checkbox"/> COM93 + COM94		0%	0 S	Start	Stop	
8	<input type="checkbox"/> COM95 + COM96		0%	0 S	Start	Stop	
9	<input type="checkbox"/> COM97 + COM98		0%	0 S	Start	Stop	
10	<input type="checkbox"/> COM99 + COM100		0%	0 S	Start	Stop	
11	<input type="checkbox"/> COM101 + COM102		0%	0 S	Start	Stop	
12	<input type="checkbox"/> COM103 + COM104		0%	0 S	Start	Stop	
13	<input type="checkbox"/> COM105 + COM106		0%	0 S	Start	Stop	
14	<input type="checkbox"/> COM103 + COM104		0%	0 S	Start	Stop	
15	<input type="checkbox"/> COM101 + COM102		0%	0 S	Start	Stop	
16	<input type="checkbox"/> COM93 + COM94		0%	0 S	Start	Stop	

Type: Format and Download All

Baud rate: 921600

Format FAT Option

☐ Manual ☒ Auto

Two-site download

☒ First-site (UART) ☐ Second-site (USB)

DA download all

☐ Full speed ☒ High speed

☐ Battery ☒ No battery

☐ Auto detect

AutoPulling

☒ EnableAutoPulling

Start all Stop all

Scan



FAQ



FAQ

- **问:除了自动扫口, 是否可以在SPMultiPortFlashDownloadProject.ini对comport口进行配置?**

答:可以。



Thanks

