# MT8395
# How to do UFS Format on FlashTool

# Pre-condition
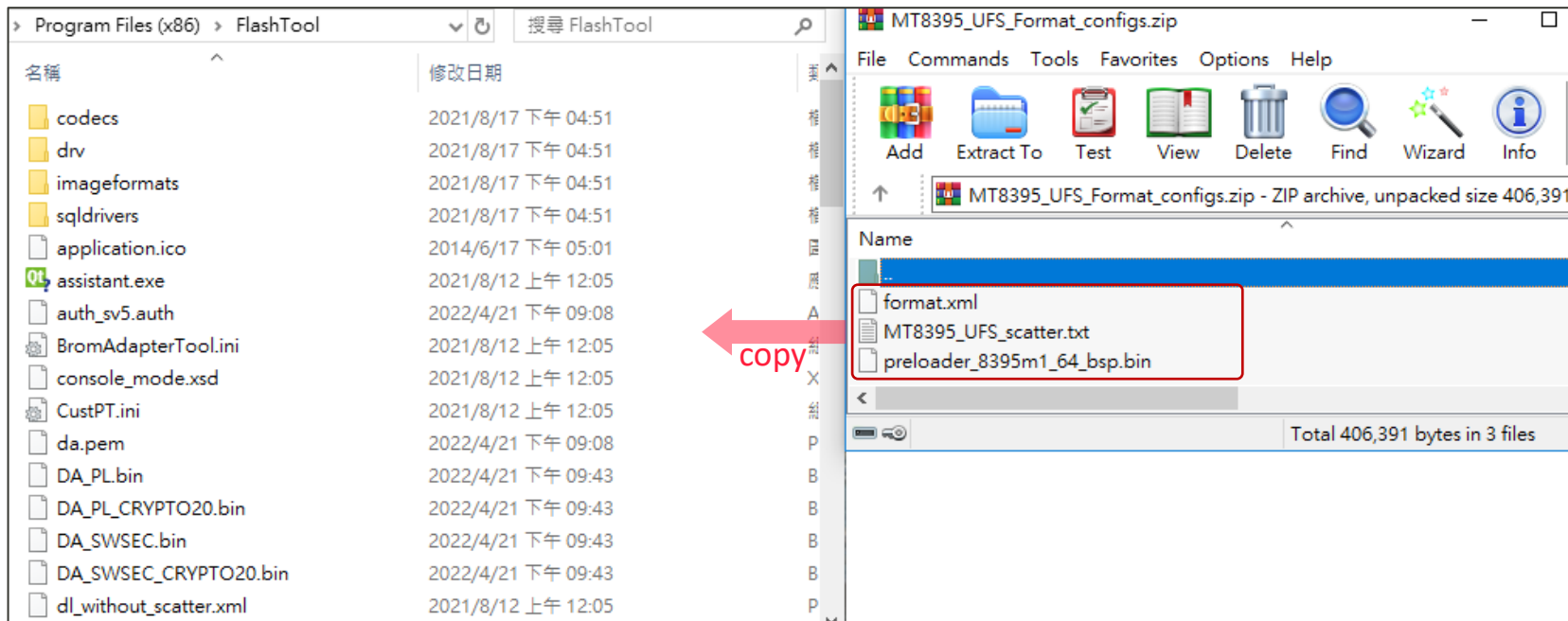
■ **Make sure you have Installed SP FlashTool on your host PC**

■ **You can download the SP FlashTool in Mediatek Online website**

■ http://online.mediatek.inc/Tool

| 过滤结果 | | | | | | |
|---|---|---|---|---|---|---|
| **Name** | **Version** | **Release Date** ↓ | **Category** | **Product Line** | **Tool Type** | **Download** |
| SP_Flash_Tool | v2216.00.000 | 2022-05-10 | Official | ALPS | GMAT Tool | </>Source  ⚙binary |

• **If you do not have permission to download SP FlashTool, please consult your Mediatek customer window to download the FlashTool**
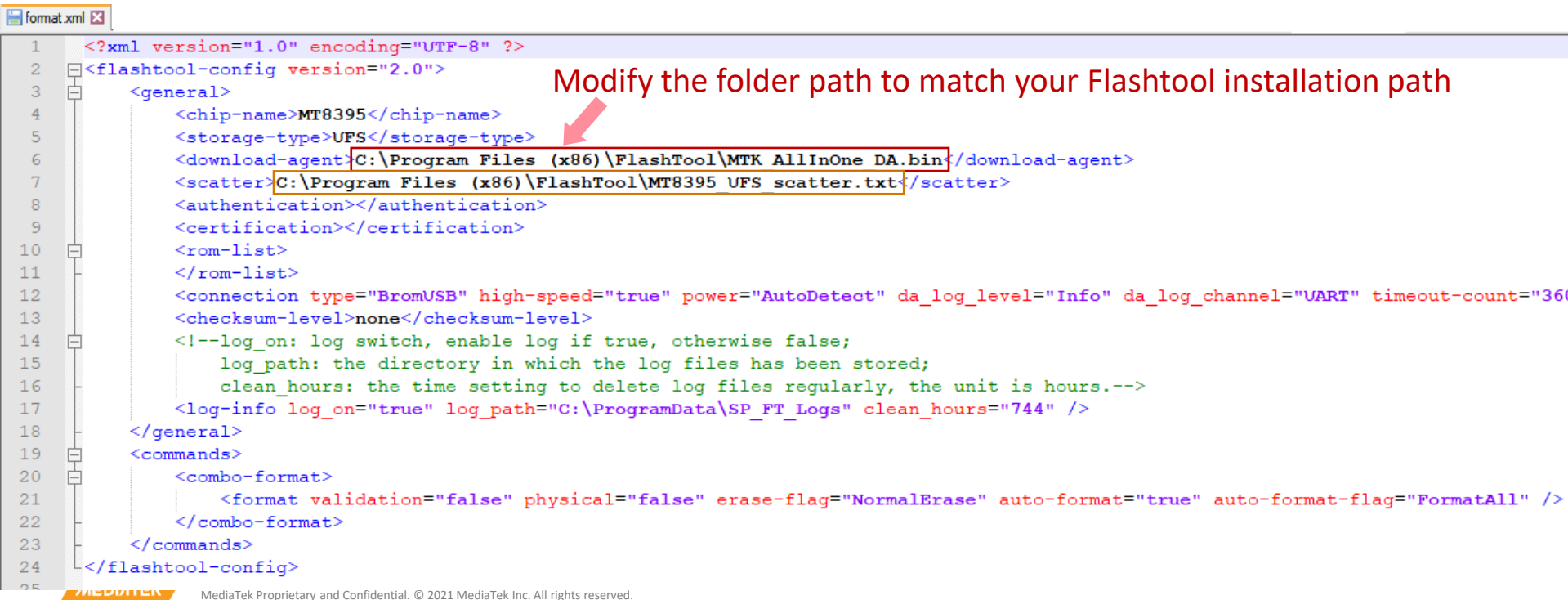
# 3 Files Required for UFS Format in Flashtool

- **Copy the 3 config files into your Flashtool installed folder**

# Update format.xml to match your environment

- **Open format.xml in editor**

format.xml ✖

Modify the folder path to match your Flashtool installation path

```xml
1   <?xml version="1.0" encoding="UTF-8" ?>
2   <flashtool-config version="2.0">
3       <general>
4           <chip-name>MT8395</chip-name>
5           <storage-type>UFS</storage-type>
6           <download-agent>C:\Program Files (x86)\FlashTool\MTK AllInOne DA.bin</download-agent>
7           <scatter>C:\Program Files (x86)\FlashTool\MT8395_UFS_scatter.txt</scatter>
8           <authentication></authentication>
9           <certification></certification>
10          <rom-list>
11          </rom-list>
12          <connection type="BromUSB" high-speed="true" power="AutoDetect" da_log_level="Info" da_log_channel="UART" timeout-count="360
13          <checksum-level>none</checksum-level>
14          <!--log_on: log switch, enable log if true, otherwise false;
15              log_path: the directory in which the log files has been stored;
16              clean_hours: the time setting to delete log files regularly, the unit is hours.-->
17          <log-info log_on="true" log_path="C:\ProgramData\SP_FT_Logs" clean_hours="744" />
18      </general>
19      <commands>
20          <combo-format>
21              <format validation="false" physical="false" erase-flag="NormalErase" auto-format="true" auto-format-flag="FormatAll" />
22          </combo-format>
23      </commands>
24  </flashtool-config>
25
```

# Use command line to run UFS format

☐ **Enter Flashtool folder (command line mode) and input the command**

– **flash_tool.exe -i format.xml**



```
C:\Windows\System32\cmd.exe

C:\Program Files (x86)\FlashTool>flash_tool.exe -i format.xml

C:\Program Files (x86)\FlashTool>Begin
MediaTek SP Flash Tool v5.2216.00
Build Time: Apr 10 2022 18:12:18
Init config from config file
Combo Format Command::Create
General settings creat command
General Command exec
General Command ::LoadDA
General Command ::LoadScatterFile
General Command ::LoadRoms
rom list is empty, auto load all roms
rom list:Index(0), Enable(1),Path:C:\Program Files (x86)\Flash
General Command ::LoadAuthFile
General Command ::LoadCertFile
General command exec done!
Connection create done!
Command (0)::Execute
Connecting to BROM...
Scanning USB port...
Search usb, timeout set as 3600000 ms
USB port is obtained. path name(\\?\usb#vid_0e8d&pid_0003#5&17
ame(MediaTek USB Port (COM15))
USB port detected: \\?\usb#vid_0e8d&pid_0003#5&170ed37f&0&5#{a
BROM connected
Downloading & Connecting to DA...
connect DA end stage: 2, enable DRAM in 1st DA: 0
Download DA now...
30% of DA has been sent.
40% of DA has been sent.
70% of DA has been sent.
80% of DA has been sent.
100% of DA has been sent.
```

```
Warning: DA SLA Disabled, skip it!
DA Connected
Check Storage Life Cycle: S_DONE(0)
Formatting Flash(2)... addr(0x0), len(0x0)
100% of flash has been formatted.
Format Succeeded.
Formatting Flash(2)... addr(0x0), len(0x0)
0% of flash has been formatted.
100% of flash has been formatted.
Format Succeeded.
Formatting Flash(2)... addr(0x0), len(0x0)
0% of flash has been formatted.
Formatting Flash(2)... addr(0x0), len(0x0)
10% of flash has been formatted.
20% of flash has been formatted.
30% of flash has been formatted.
40% of flash has been formatted.
50% of flash has been formatted.
60% of flash has been formatted.
70% of flash has been formatted.
80% of flash has been formatted.
90% of flash has been formatted.
100% of flash has been formatted.
Format Succeeded.
All command exec done!
Disconnect!
```

UFS format completed!

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