

## **MSDP-601 FIRMWARE DOWNLOAD**



Designed by : Mr. Son Dept. : Technical Dept.

2018.03.29





1.Install "Flash\_loader\_demo\_v2.8.0exe" on your computer.

| 이름 🔺                           | 크기       |
|--------------------------------|----------|
| 🔄 flash_loader_demo_v2.8.0.exe | 34,823KB |

2.Prepare to download cable and connect with computer.















3.Turn on the MSDP-601, below picture is firmware download status.



4.Please check the computer's comport number.







#### 5.Run to "Demonstrator GUI"

| m stmicroelectronics | 🕨 🕨 🛅 FlashLoader | 🕨 🛅 Command Line   |
|----------------------|-------------------|--------------------|
| m Unidocs            | •                 | 🗼 Demonstrator GUI |
| i WeChat             | •                 | 👩 Uninstall        |

6.Check Comport number with your computer first.

| Port Name COM1 💌 Parity | Even 💌     |
|-------------------------|------------|
| Baud Rate 9600 🛨 Echo   | Disabled 💌 |
| Data Bits 8 Timeout(s   | 10 💌       |
|                         |            |





7.Please push the "RESET" button at MSDP-601 rear panel.



#### 8.Click to next.

| Target is read | dable. Please click ''I | Next'' to proceed. |               |
|----------------|-------------------------|--------------------|---------------|
| Ť              |                         |                    |               |
|                |                         | Remo               | ve protection |
|                |                         |                    |               |
|                |                         |                    |               |
|                |                         |                    |               |
|                |                         |                    |               |

| Please, select | your device in the | e target list |              |   |
|----------------|--------------------|---------------|--------------|---|
| Target         | STM32F4_05_07      | _15_17_1024K  |              | • |
| PID (h)        | 0413               |               |              |   |
|                | 31                 |               |              |   |
| DID (N)        | 3.1                |               |              |   |
| Version        | 3.1                |               |              |   |
| Flash mapping  | 8                  |               |              |   |
| Name           | Start address      | End address   | Size         |   |
| Sector0        | 0x 8000000         | 0x 8003FFF    | 0x4000 (16K) | 1 |
| Sector1        | 0x 8004000         | 0x 8007FFF    | 0x4000 (16K) |   |
| Sector2        | 0x 8008000         | 0x 800BFFF    | 0x4000 (16K) |   |
| Sector3        | 0x 800C000         | 0x 800FFFF    | 0x4000 (16K) |   |
| Sector4        | 0x 8010000         | 0x 801FFFF    | 0x10000 (64  |   |
| Sector5        | 0x 8020000         | 0x 803FFFF    | 0x20000 (12  |   |
| Sector6        | 0x 8040000         | 0x 805FFFF    | 0x20000 (12  |   |
| Sector7        | 0x 8060000         | 0x 807FFFF    | 0x20000 (12  |   |
| Sector8        | 0x 8080000         | 0x 809FFFF    | 0x20000 (12  |   |
| Sector9        | 0x 80A0000         | 0x 80BFFFF    | 0x20000 (12  |   |
| Sector10       | 0x 80C0000         | 0x 80DFFFF    | 0x20000 (12  |   |
| Contrast.      | 0v 90E 0000        | 0v SUEEEEE    | 0v20000 (12  |   |





8-1.If there are error message below, please try again step 7. (Or try off/on MSDP-601 or computer)

|   | Select the comm<br>connection.            | nunication port and  | life.augme                                 | nted<br>en click next to | open                       |
|---|---|--|--|--------------------------|----------------------------|
|   | Port Name                                 | сом1 🔻   | ] Parity                                   | Even                     |                            |
| 1 | No respons<br>Please, verit               | e from the target,<br>fy the boot mode (                         | the Boot loa<br>onfiguration               | and the flash            | started.<br>protection sta |
| 1 | No respons<br>Please, veril<br>Reset your | e from the target,<br>fy the boot mode (<br>device then try ag   | the Boot Ioa<br>configuration<br>iin<br>확인 | and the flash            | started.<br>protection sta |
| 1 | No respons<br>Please, veri<br>Reset your  | e from the target,<br>fy the boot mode of<br>device then try ag: | the Boot Ioa<br>configuration<br>in<br>확인  | and the flash            | started.<br>protection st  |





#### 9. Click the Next button.

|                    | Playbilized declaration   | Hash Loads: Remonstration   | 10. Press here for |
|--------------------|---|---|--------------------|
| Elemove protectors | FIO         (h)         [0413]           BID         (h)         3.1           Version         3.1           Flash-mapping           Name         Start address         End address         Start           Sector         0x 8000000         0x 8003FFF         0x4000 (16K)           Sector         0x 8000000         0x 8003FFF         0x4000 (16K)           Sector         0x 8000000         0x 8007FFF         0x4000 (16K)           Sector         0x 8000000         0x 8007FFF         0x4000 (16K)           Sector         0x 8000000         0x 8007FFF         0x4000 (16K)           Sector         0x 8000000         0x 800FFFF         0x4000 (16K)           Sector         0x 8000000         0x 807FFF         0x4000 (12L)           Sector         0x 8080000         0x 807FFF         0x20000 (12L)           Sector         0x 8080000         0x 808FFFF         0x20000 (12L)           Sector         0x 80800000         0x 808FFFF <td>C Erase<br/>C All C Selection<br/>Download to device<br/>Download from file<br/>NFile-server\업무공유\생산제품\신호기류\(MSDP-601)Disple<br/>C Erase necessary pages No Erase C Global Erase<br/>@ (h) 800000</td> <td></td> | C Erase<br>C All C Selection<br>Download to device<br>Download from file<br>NFile-server\업무공유\생산제품\신호기류\(MSDP-601)Disple<br>C Erase necessary pages No Erase C Global Erase<br>@ (h) 800000 |                    |
| Back Level Close   | Beck Next Cancel Close  | Upload from device Upload to file DISABLE WRITE PROTECTION  |                    |

<u>B</u>ack

<u>N</u>ext

Cancel

Close







11. Change to hex Files(\*.hex) and select MSDP-601\_1\_0\_XX.hex





12. Click the Next button for start update.



12. Download successful, please close to program and turn off the MSDP-601.

13. Disconnect to download cable and turn on the MSDP-601

14. Check the new SW version.

