PicoBit Firmware Update Guide

System Requirement:
- Windows 7 or higher (PC or laptop)

Required Applications:
- PicoBit_Update_v170428.zip
  - Android Tool v2.35
  - Android Driver v4.2
  - Picobit.LMY48Y.EN-XXXXXXXX.img (or other firmware file)

Note: Please charge PicoBit up to 50% battery level before conducting the firmware update. This is to prevent PicoBit powering off during firmware update due to low battery. All saved files in PicoBit will be erased after successful firmware update. It is recommended to back up all the files before conducting the firmware update.

Instructions:
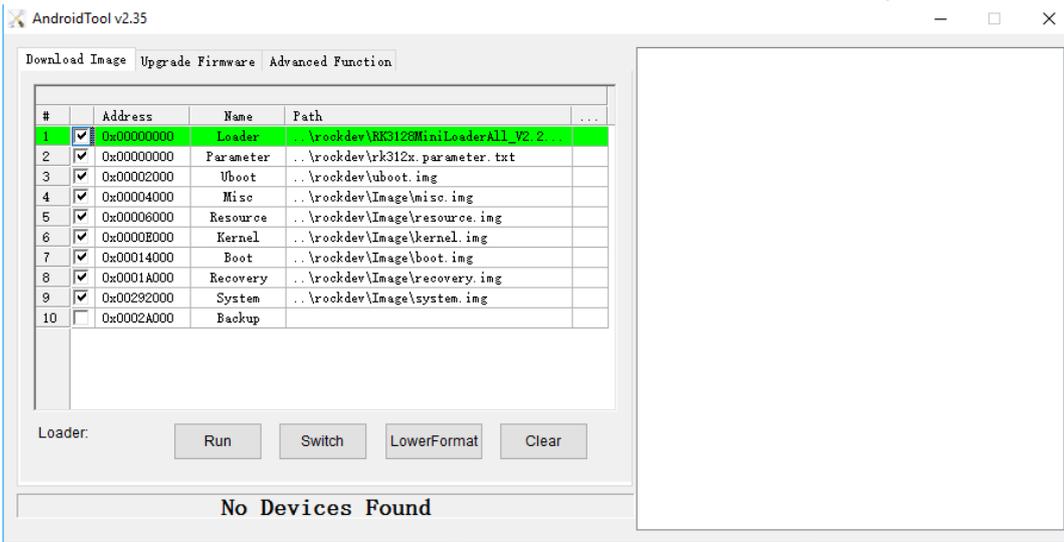
1. Download and extract "PicoBit_Update_v170428.zip" file.

2. Open "DriverAssistant_v4.2" file. Click "DriverInstall.exe" to install driver.

ADBDriver	1/31/2017 3:08 PM	File folder	
bin	1/31/2017 3:08 PM	File folder	
Driver	1/31/2017 3:08 PM	File folder	
Log	1/19/2017 7:15 PM	File folder	
config	5/23/2015 9:34 AM	Configuration sett...	1 KB
☑ DriverInstall	5/23/2015 9:34 AM	Application	489 KB
Readme	5/23/2015 9:34 AM	Text Document	1 KB

3. Then, open "AndroidTool_Release_v2.35" file. Click "AndroidTool.exe file to run the application. (Installation not required)
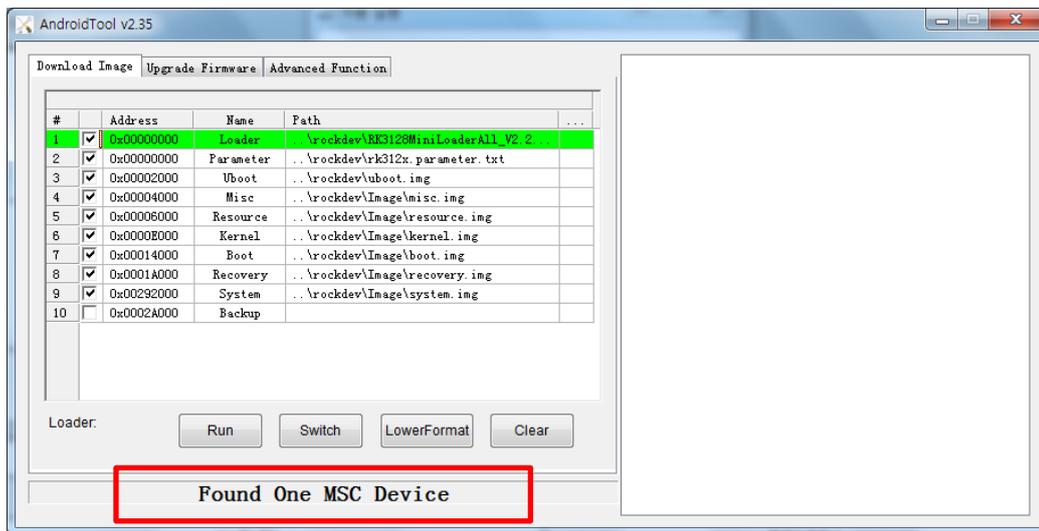
bin	1/31/2017 3:08 PM	File folder	
Language	1/31/2017 3:08 PM	File folder	
Log	1/31/2017 3:13 PM	File folder	
Android 工具手	5/23/2015 9:34 AM	Adobe Acrobat 7....	1,507 KB
☑ AndroidTool	5/23/2015 9:34 AM	Application	1,031 KB
config.cfg	6/6/2015 11:19 AM	CFG File	6 KB
config	10/12/2015 9:12 AM	Configuration sett...	2 KB
tool_error.dmp	2/4/2016 5:53 PM	DMP File	187 KB

4. When Android Tool application is opened, below screen will be displayed.

AndroidTool v2.35

Download Image Upgrade Firmware Advanced Function

#		Address	Name	Path	...
1	✔	0x00000000	Loader	..\rockdev\RK3128MiniLoaderAll_V2.2...	
2	✔	0x00000000	Parameter	..\rockdev\rk312x.parameter.txt	
3	✔	0x00002000	Uboot	..\rockdev\uboot.img	
4	✔	0x00004000	Misc	..\rockdev\Image\misc.img	
5	✔	0x00006000	Resource	..\rockdev\Image\resource.img	
6	✔	0x0000E000	Kernel	..\rockdev\Image\kernel.img	
7	✔	0x00014000	Boot	..\rockdev\Image\boot.img	
8	✔	0x0001A000	Recovery	..\rockdev\Image\recovery.img	
9	✔	0x00292000	System	..\rockdev\Image\system.img	
10		0x0002A000	Backup		

Loader: Run   Switch   LowerFormat   Clear
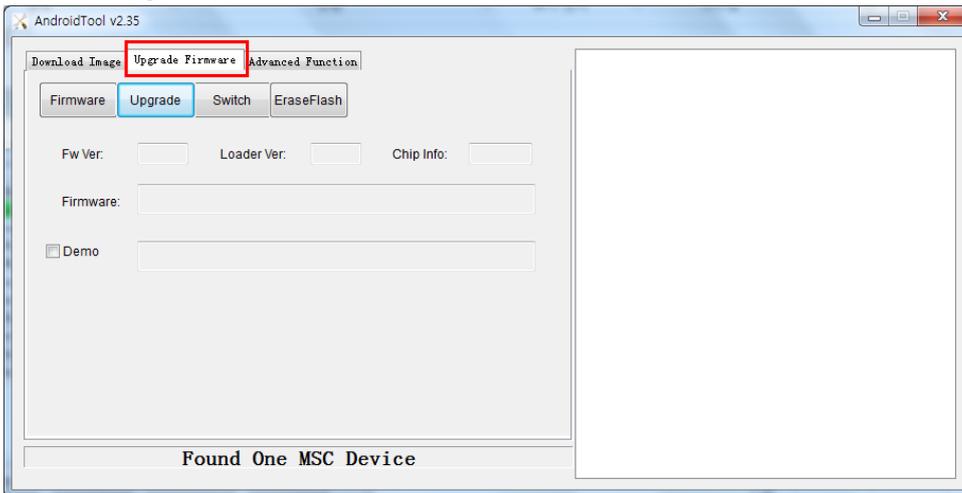
No Devices Found

5. Power on PicoBit. When PicoBit is fully loaded, connect to applicable PC/laptop via supplied USB cable (USB C to A).
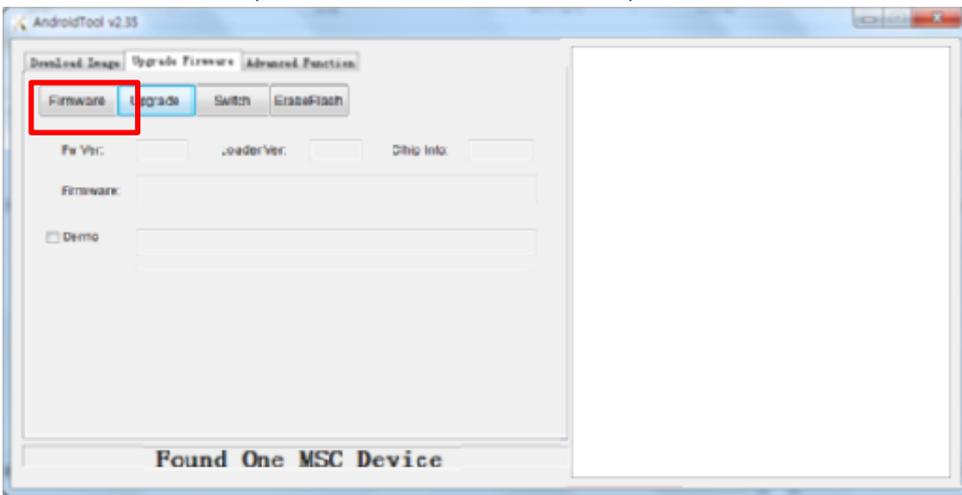
6. When PicoBit is successfully connected, "Found One MSC Device" message will be displayed at the bottom of the Android Tool program display. (NOTE: Depending on each PC/laptop's performance, it may take up to 60 seconds to locate PicoBit)

AndroidTool v2.35

Download Image Upgrade Firmware Advanced Function

#		Address	Name	Path	...
1	✔	0x00000000	Loader	..\rockdev\RK3128MiniLoaderAll_V2.2...	
2	✔	0x00000000	Parameter	..\rockdev\rk312x.parameter.txt	
3	✔	0x00002000	Uboot	..\rockdev\uboot.img	
4	✔	0x00004000	Misc	..\rockdev\Image\misc.img	
5	✔	0x00006000	Resource	..\rockdev\Image\resource.img	
6	✔	0x0000E000	Kernel	..\rockdev\Image\kernel.img	
7	✔	0x00014000	Boot	..\rockdev\Image\boot.img	
8	✔	0x0001A000	Recovery	..\rockdev\Image\recovery.img	
9	✔	0x00292000	System	..\rockdev\Image\system.img	
10		0x0002A000	Backup		

Loader: Run   Switch   LowerFormat   Clear
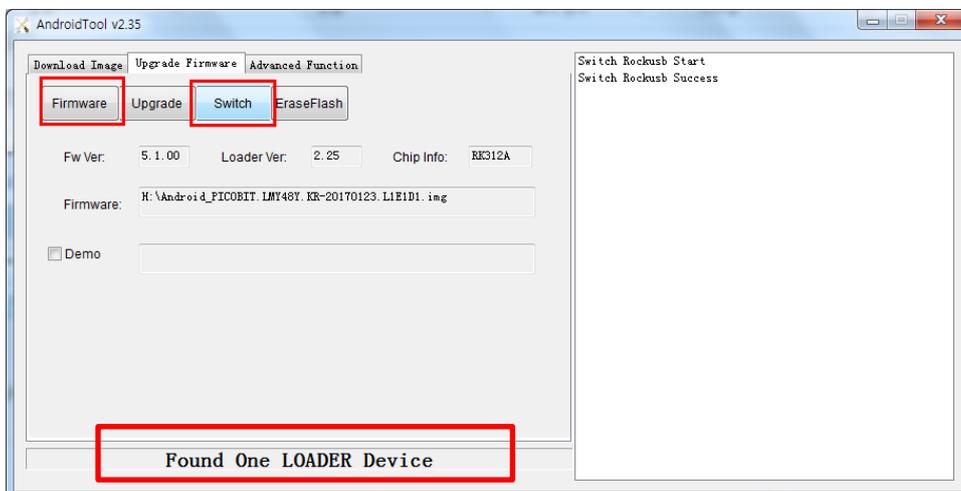
Found One MSC Device
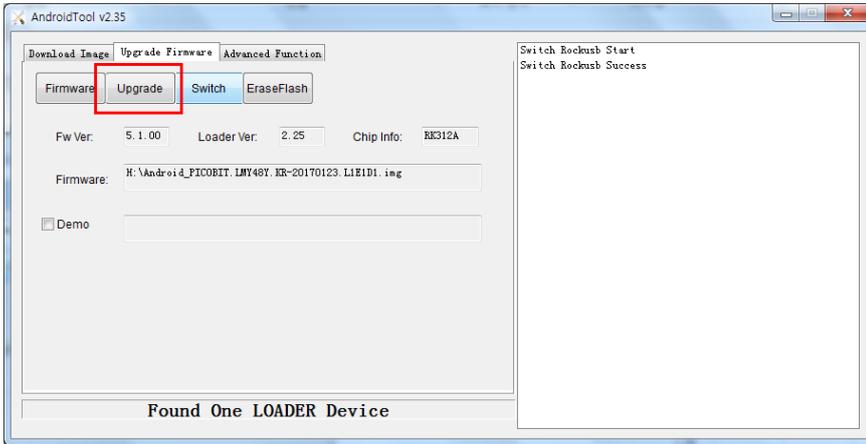
7. Click "Upgrade Firmware" option on top menu.

8. Click "Firmware" option. Then locate and select "picobit.LMY48Y.EN-XXXXX" (or other firmware file).
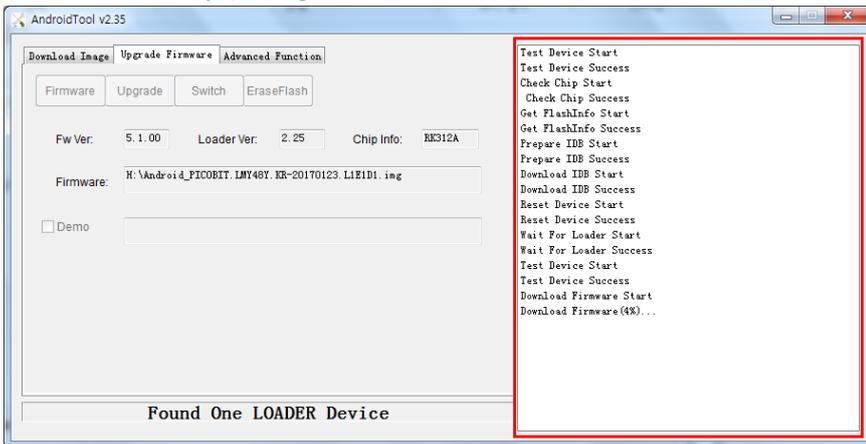

9. When the firmware file (picobit.LMY48Y.EN-XXXXX.img) is correctly selected, click "Switch" option.

When "Switch" is selected, message on the bottom will change from "Found One MSC Device" to "Found One LOADER Device".
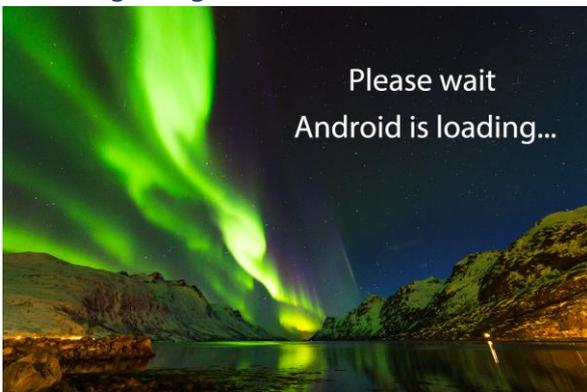
10. When the message on bottom successfully displays "Found One LOADER Device", click "Upgrade" option to upgrade firmware.

11. When the final message on the right indicates "Download Success", upgrade is finished. Please disconnect the PC and PicoBit by pulling out the cable.

12. Upon successful completion of firmware upgrade, PicoBit will reboot. PicoBit will display "Please Wait. Android is Loading" image for about 5 minutes.

13. When PicoBit's Android system is fully loaded, select "MAIN MENU" instead of "LAUNCHER" and set it as "Always".