How to burnin IMG into eMMC.

Author: VanessaLee
Release date: 2016/08/29
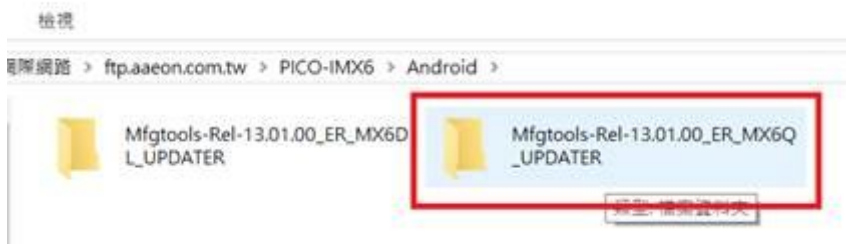
Before start you need some files (list as bellow)
a. A PC X 1
b. Mfgtools tool & OS images
   (Note: The tool can't be use from NXP website because of the mapping of pin is different, you have to download the tool from ftp server of aaeon)
c. Micro USB cable X 1
d. putty.exe
e. RS-232 cable X 1
f . PICO-IMX6 (Quad sku)

e.g. Burning Android Images to eMMC

Step1: Download Mfgtool and standard images from ftp of aaneon.
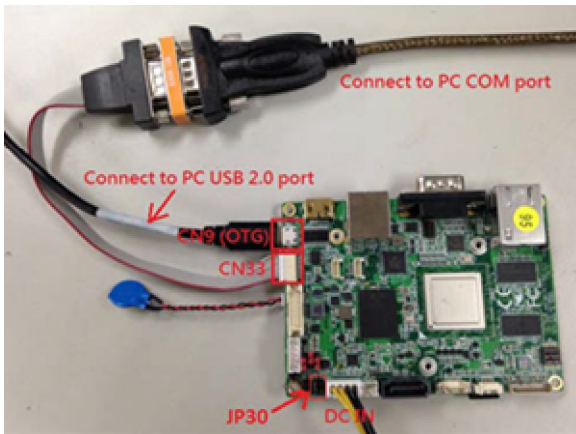Link: ftp://csd@ftp.aaeon.com.tw/PICO-IMX6/   (User: csd   Pass: qthhg)

Step2: Chose Mfgtools-Rel-13.01.00_ER_MX6Q_UPDATER item.

Step3: Check description of cfg file as bellow picture.   (If the device is ssd please reference manual to fill correct name and description)

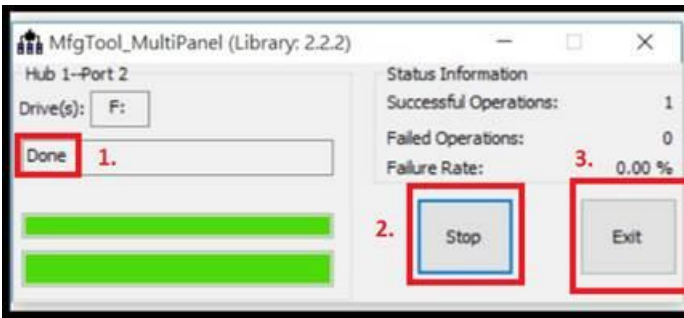Step4: Connect the PICO-IMX6 to PC with the USB OTG cable and Set JP30 to download mode (pin 3-4).

Step5: Check the sw1 setting as bellow picture and turn on the power switch. (After turn on system, you can check the LED, it should be blue.)
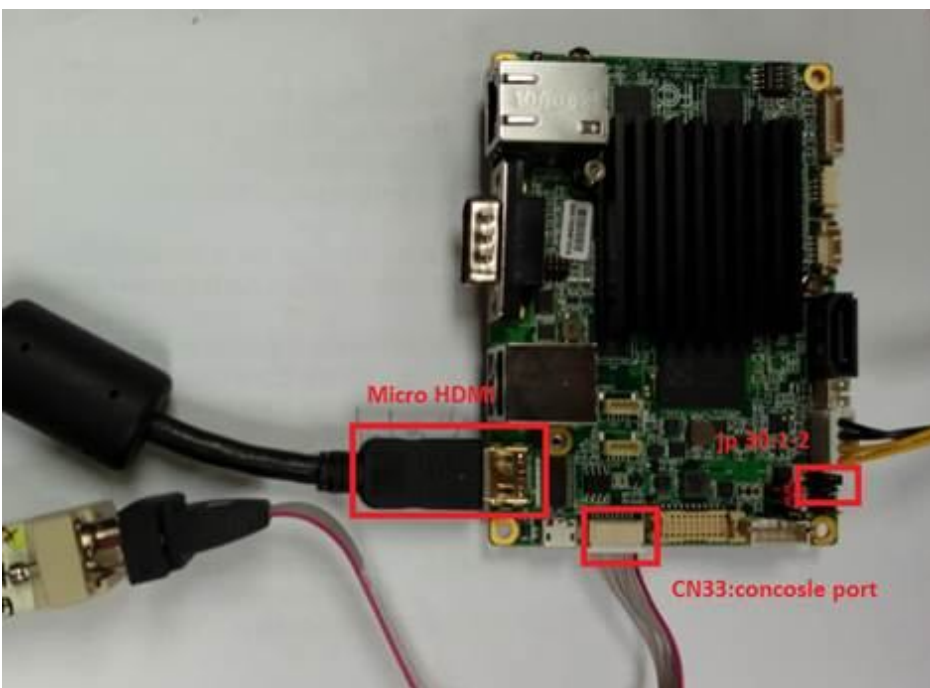

Step6: Open the Mfgtool on your PC and check you can detect the device then press "start" to start procedure.
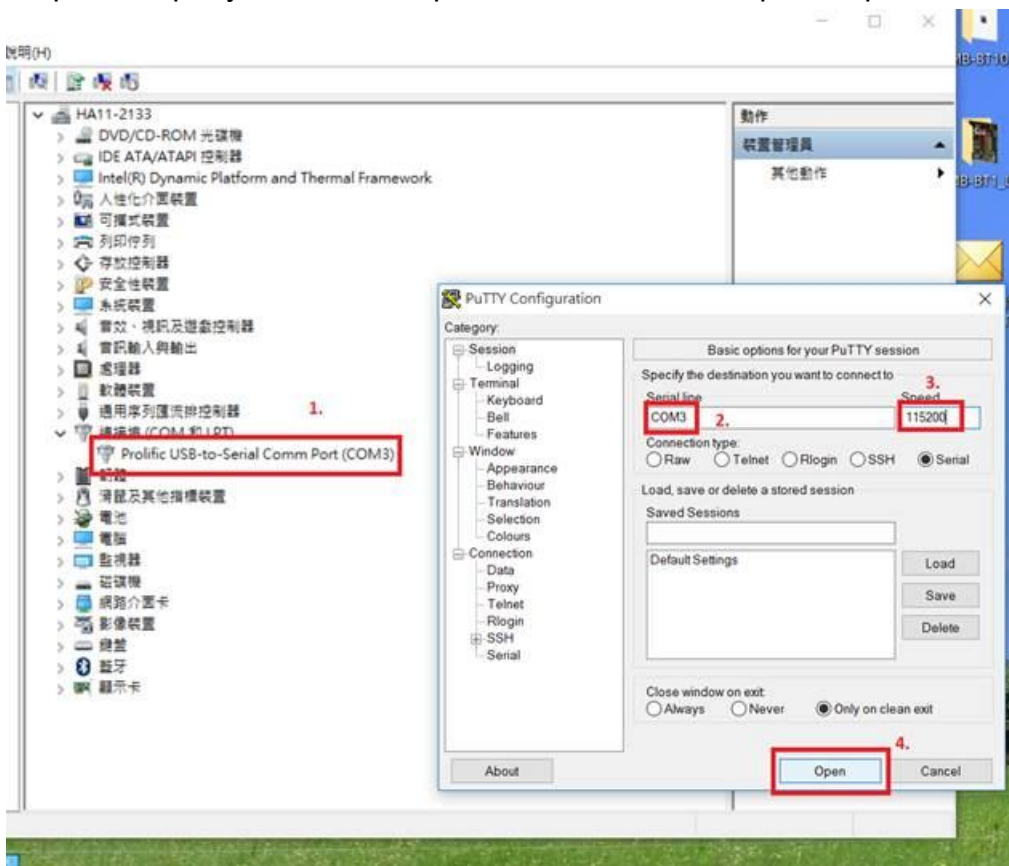
Step7: When the procedure finished you can find "done" text and press stop then exit.

Step8: Tutn off power. Connect the RS-232 cable (CN33) to PC and micro HDMI cable to monitor then Change jp30 setting from 3-4 to 1-2.

Step9: Use putty and set com port & Baud Rate then press open.

Step10: Turn on the power switch. Check we can boot into Android system and there's debug message in putty windows.