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How to burnin IMG into eMMC.

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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)



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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.

MfgTool_MultiPanel (Library: 2.1.1)	<u> </u>	×	
Hub 1Port 2	Status Information		
Drive(s):	Successful Operations:	0	
	Failed Operations:	0	
付合 HID 標準的敵間正統裝置	Failure Rate:	0 %	
step1: detect device status	Step2.press.		
	Start	Exit	
L			

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Step7: When the procedure finished you can find "done" text and press stop then exit.

MfgTool_MultiPanel (Library: 2.2.2)	-		×
Hub 1-Port 2	Status Information		
Drive(s): F:	Successful Operations:		1
Doos 1	Failed Operations:		0
	Failure Rate:	5.	0.00 %
	2. Stop		Exit
		L	

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.



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

HA11-2133			動作		
> GVD/CD-ROM 光碟機			22744188		
 · C 전자(ATAPI 면원器) · Intel(R) Dynamic Platform and Thermal Framework · (內 신化介面裝置) · (內 可提式裝置) · (內 可照式 	k		其他動作	•	
> 沙安全性裝置	PuTTY Configuration	1		6	
> - 永統範圍 	Category				
> 4 實訊輸入與輸出	Session	Bas	asic options for your PuTTY session		
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	Serial	Close window on exit. Always Never Only on clean exit			
	About		Open	Cancel	

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



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