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FCHNOLOGY

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Version	Hardware Platform	Description	Date	Reviser
1.0	QY-IMX6S-V1.2	First Published	2014-05-21	st



Preface

This manual mainly introduces how to burn system image to mainboard. Before reading this manual, please read carefully *QY-IMX6S Hardware Manual*.







I. Preparation

1.1 Boot Introduce

QY-IMX6S support many kinds of boot methods: such as SD Card, EMMC, SPI. Defaulted is EMMC. The following are the different boot methods which corresponded the dial-up pictures:



picture 1 SD Card Boot:1010





picture 3 EMMC Boot: 1101

1.2 Preparation and Image

When you install Android system and first boot used, it will appear a touch panel calibration interface.

• Burning Tool: Mfgtool. Run on window platform, in the directory of[\tools]

◆ Virtual machine terminal program: like windows own super terminal, or



SecureCRT of [\tools of CD]

- System Image File
- ♦ QY-IMX6S Mainboard
- ◆ 1 USB OTG Cable connect to J10 of mainboard and USB of PC

Extract [Mfgtool] in the directory of [CD/Tool Software/ Burning Tool].

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	Wfgtools-Rel-4.1.0_140220_MX6Q_UPDA	TER.rar 2014/2/20 13	3:20 快压 RAR 月	玉缩文件 155,371 Ki
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Put all the file needed to be burnt into directory [Mfgtools-Rel-MX6Q_UPDATER \Profiles\MX6Q Linux Update\OS Firmware\files\android].

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QY-IMX6S SBC Android Burning Manual

淳	▼ 新建文件夹				i == •
	名称	Ŧ	修改日期	类型	大小
	boot.img		2014-05-19 13:21	IMG 文件	4,628
	kernel		2014-05-19 13:21	文件	4,445
	Daceholder		2013-06-03 13:23	文件	0
	ramdisk.img		2014-05-19 13:21	IMG 文件	179
	ramdisk-recovery.img		2014-05-19 13:21	IMG 文件	683
	recovery.img		2014-05-19 13:21	IMG 文件	5,132
	system.img		2014-05-19 13:21	IMG 文件	286,720
	🙀 u-boot.bin		2014-05-19 9:17	BIN 文件	449
	🙀 u-boot-6dl.bin		2014-05-19 9:17	BIN 文件	449
	🙀 u-boot-6q.bin		2014-05-19 9:16	BIN 文件	449
	📄 uImage		2014-05-19 13:21	文件	4,445
	📄 userdata.img		2014-05-19 10:23	IMG 文件	131,072
		pi	cture 6	1	

picture 6

II. USB Burn Image

Connect circuit J4 jumper cap of mainboard, remove J7 jumper cap and power on mainboard.

After powering on, run [MFGTool2.exe] executive file, as follows:

MfgTool_MultiPanel (Library: 2.2.3)		• X
Hub 4Port 4	Status Information	
Drive(s):	Successful Operations:	0
	Failed Operations:	0
HID-compliant device	Failure Rate:	0 %
	Start	Exit



Any question, please send E-mail:supports@qiyangtech.com Sales E-mail :trade@qiyangtech.com_sales@qiyangtech.com Website:http://www.qiytech.com ©2012 Qiyangtech Copyright



Click <start>, [MFGTool] will show image downloading status, it may needs several minutes for downloading, please be patient:

IT INITGIOOLIVIUITIPanei (Library: 2.2.3)		
Hub 4Port 4	Status Information	
Drive(s): I:	Successful Operations:	0
	Failed Operations:	0
Sending and writting roots	Failure Rate:	0 %
	Stop	Exit
picture 8	i atura	
picture 8 fter downloading image, as the following	picture:	
picture 8 fter downloading image, as the following j MfgTool_MultiPanel (Library: 2.2.3)	picture:	
picture 8 fter downloading image, as the following j MfgTool_MultiPanel (Library: 2.2.3) Hub 4-Port 4	oicture:	
picture 8 fter downloading image, as the following p MfgTool_MultiPanel (Library: 2.2.3) Hub 4-Port 4 Drive(s): I:	Status Information Successful Operations:	1
picture 8 fter downloading image, as the following p MfgTool_MultiPanel (Library: 2.2.3)	Status Information Successful Operations: Failed Operations:	
picture 8 After downloading image, as the following p MfgTool_MultiPanel (Library: 2.2.3) Hub 4-Port 4 Drive(s): I: Done	Status Information Successful Operations: Failed Operations: Failure Rate:	1 0 0.00 %

picture 9

Select <stop>, click <Exit>, finish burning.

Remove J4 jumper cap from mainboard, connect circuit J7, power off and then restart.





picture 10

After system Boot successfully, enter Android file system, then connect to the display monitor, you will find that the Android interface has booted. Now system burning finished.





picture 11

III. Conclusion

If you have any questions or suggestions, please feel free to contact us:supports@qiyangtech.com, more information contact trade@qiyangtech.com, or log in http://www.qiyangtech.com.



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