# **SPD FIRMWARE READ MANUAL**

## **Requirements** :

- 1. WinXP , Win7, Win8x or Win10 OS
- 2. Installed ADB drivers ( can be used ANY package , from support, or already installed on PC from any brand )
- 3. Charged to 50% or more battery
- 4. Normal USB cable , without BootMode ( short pin ) , without HUB and etc.

## **Read firmware :**

- Open CM2SPD (version 1.06 or newer)
- Select Need CPU in settings
- Go to "Flash" Tab

• Press "Read Firmware [PAC]" button

Chinese Miracle II ( SpreadTrum Module , ver 1.06 ) by Infinity-Box Tea	am (c) 2014-2015 [ Dream #3 ]		X
<u>File S</u> ettings Log	Settings Bin [ I © Setting	Service Security Flash User Data / Forensic IFSP   FullFlash ] gs	Bin
	Read E	Back Read Firmware [PAC]	nual Name Define ke IFSP ke Calibration [NV]
	0%		
(	CPU : SP [SC7730SC7731] eMMC [Generic]	READY	USB 20:55:53

If you select correct settings and follow requirements part, you will see "Save" conformation dialog. Select path, where you want to save firmware.

le Settings					
og Operation : Read EullElash [ v1 ( 👸 Save	Save Firmware to			ish User Data /	Forensic
L. Remove battery. Insert batt L. Press and hold VolumeUp' and B. Insert cable ==== Wait for phone Phone found! [71] Phone found! [71] Ph	Папка:			ikip NV Flash	Manual Name Define
6	Имя файла:	SC77xx_temp.pac.sc	Сохранить	h	Make IFSP Make Calibration [NV]
	у тип фаила.	Liminity SC//XX nimware files ( .pac.sc)			

After path selection – SW will ask about wait, until phone boot.

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	Prepare for reading! 1. Wait untill phone finish boot 2. Go to Settings -> Developer Options (enable 3. Tick option : Enable USB Debug 4. Install ADB drivers, if need ( you can install A 5. Re-connect USB cable in phone ( in case of i 6. For some "slow" phones require wait near 2 -> Press Ok, when Ready! Keep phone screen Waiting for finishing required actions OK	e it, if need) ANY ADB Bridge driver ) no connect during 20 seconds ) minutes after power on! UNLOCKED!

#### Now is required :

- Wait until phone fully power on
- Go to Settings About -> tap 5-8 times on "Build Number", until message about success "Developer mode" is appear ( if Developer Mode already enabled in settings – skip that step )
- Go to Settings Developer Options. Enable USB Debug.
- Install ADB drivers, if need. You can install ANY adb driver on Android Debug Bridge device in "Device Manager". It will work with ANY ADB driver.
- After drivers installed re-insert USB cable. In some cases it required.
- Press OK only, after you done ALL steps!

After success connect to device – program will ask about allow debug (Secure ADB) – press on Phone/Tablet "Allow/OK" button , then press "Ok" button in SPD module conformation window.

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1	Secure ADB detected! Auth required! Allow Connection on phone screen! Press "Ok" after.
	ОК

After success connection SPD module will ask to hold BOTH volume keys and press Ok after.



Hold keys until phone will start booting. In case of problem with reboot – fast reinsert battery, while holding volume keys ( or press "Reset" button, if it tablet )

After just wait, until reading will be finished. It takes from 35 up to 70 minutes, depending on PC configuration and Phone/Tablet HW.

After read will be finished – Phone/Tablet will reboot.

Firmware read finished!

Log
Model Name : scx35_sp5735c2eaplus
Model Brand : Spreadtrum
Model Device: scx35_sp5735c2ea
AndrVersion : 4.4.2
BaseBand CPU: SP5735C2EA
Project Ver : KOT49H test-keys
Model Ext : DEXP Ursus 7MV2 3G
[Read Mode] : HSUSB Enabled!
[emmc_READER] : Reading Firmware Now
[Pead Ok] : u-boot-col-16k bin
[Read Ok] : u-boot hin
[Read Ok] : prodov ima
[Read Ok]: sc8830_CP0_modem.bin
[Read Ok]: DSP_DM_Gx.bin
[Read Ok] : nvitem.bin
[Read Ok]: sc8830 modem CP2 WCN 14C W14.48 P2 Release.bin
[Read Ok] : nvitem_wcn.bin
[Read Ok] : logo_1024x600.bin
[Read Ok] : fblogo_1024x600.bin
[Read Ok] : boot.img
[Read Ok] : system.img
[Read Ok] : cache.img
[Read Ok] : recovery.img
[Read Ok] : userdata.img
Firmware Size : 690 MiB
Saved to:D:\SP5/35C2EA_scx35_sp5/35c2ea_4.4.2_K0149H_test-keys\

## **Flash Firmware :**

There is NO any special requirements, except select in filter **"CM2FlashFiles : PAC SC**" file type, on **"PAC**" selection button.

50 Open PAC/SC	/SLDR file			×	
Nan <u>k</u> a:	SCX15_SP77	15EA_P172R12_4.4.2_MGF_R -	G 🤌 📂 🛄 -		
Æ	Имя	<b>v</b>	Дата изменения	Тип	
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Компьютер	<u>И</u> мя файла:		-	ткрыть	
	<u>Т</u> ип файлов:	PACKED files (*.pac)	- (	Отмена	
		PACKED files (*.pac) CM2Model files (*.sldr)			
5 Open PAC/SC	/SLDR file				
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Пап <u>к</u> а: Шедавние места Рабочий стол	Uмя SC77xx_FLAS	15EA_P172R12_4.4.2_MGF_R	<ul> <li></li></ul>	Тип Файл "SC Папка с ф	
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### After just press "Flash" button and connect phone.

Chinese Miracle II (SpreadTrum Module , ver 1.06) b	by Infinity-Box Team (c) 2014-2015 [ Dream #3 ]	
File Settings		
Log	Settings Service	Security Flash User Data / Forensic
Update BootCode : u-boot.bin Erase block Block erase Okl Write Data Write Data Okl Write FSImage : prodnv.img Write Data Write Data Okl	Bin [ IFSP   F Sc77xx_ Settings Factory Set	Image: Skip NV
Erase Block : RuntimeData Erase block Block erase Old Erase Block : RuntimeData Erase block Block erase Old		Flash
Erase Block : RuntimeData Erase block Block erase Ok! Erase Block : RuntimeData Erase block	E Read Back	
Block erase Okl Write CodeData : sc7715_modem.bin Write Data	•	Read Full Flash
	45%	
Process : sc7715_modem.bin	CPU : SP [SC7715] eMMC [Generic]	BUSY USB 21:36:53

Wait , until flashing will be finished.