SIS23X Upgrade Guide

1. USB Upgrade

Copy the bin file for upgrading to USB key root folder.

Main board supports two ways to upgrade:

- 1) Upgrade on power supplying
 - a) Make sure the main board be in no power supply situation.
 - b) Put USB key to main board USB terminal.(USB key has the upgrade bin file)
 - c) Power supply to main board, then LED on IR receiver should be blinking slowly.
 - d) Wait LED on IR receiver blinks quickly, which means upgrade is finish.
 - e) Disconnect the power supply. Done!

Because the initial time of some USB keys are longer, main board cannot detect the USB key when power supplying. If so, please upgrade the main board in factory menu.

P.S LED indication blinking when upgrading

When upgrading, LED blink slowly every 1 second.Upgrade success, LED blink quickly every 1/4 second.Upgrade fail, red LED lights long time and green LED lights short time in cycle.

- 2) Upgrade in factory menu
 - a) Power on TV set.
 - b) Put USB key to main board USB terminal.(USB key has the upgrade bin file)
 - c) Press remote control key -> Menu, 1, 1, 4, 7. Enter factory menu.
 - d) Select Update -> USB Update -> USB Update Start.

P.S Factory menu upgrade OSD indication:

Start upgrading, following OSD will pop-up:



System auto loads the upgrade bin file and start upgrading. Processing bar will be shown and LED on IR receiver will blink.



When upgrade is finish, following OSD will be shown. Then power down the TV and power up again.



2. UART Upgrade

UART upgrade is very slow, about 15 minutes. If the main board is not dead, please do not use UART upgrade.

UART upgrade software tool is uart2spi_tool.

- 1) Tools prepare (the same as MSD30X):
 - a) USB Cable



b) URAT Tool:B.CNSISP7A



c) 4-Pin Reverse Wire



d) VGA Upgrade Tool



e) Connetion refers to picture:



2) UART upgrade steps:

Make sure the main board is no power supply. Main board is in power down situation.

- a) Open UART upgrade software tool: uart2spi_tool in PC. Select correct COM port.
- b) Click "Connect".
- c) Power supply to the main board.

💷 Uart2spi tool v1.03_20120615 - SiS Internal Only can no 📼 📼 💌						
Connect Config step2						
ComPort Setting Connect						
	Cancel					
Please unplug the AC-power before press "Connect".						
step3						

Normally following window will be shown:

getFlash Disconnect
_

d)

① Select "Restore" page:

Uart2sp	tool v1.08_2	20120912 - SiS In	ternal Only c	an not release		— — X
Update	Restore	Backup				
Please select a file and press "restore" button to restore your system						
- Restor	e Select List					
🗖 Pa	cket	Load				
Co	deBin 🗌	Load 2				
🗌 Da	taBin	Load				
		Note 1. At the sam 2. UartSpi will 3. This versio	e time, only skip .save i on can't sup	can choose to burn fla nformation in update p <mark>port burning data-fla</mark>	restore sh-bin or packet. acket file. ash data.	3 Disconnect
IDLE		IDLE				

- ② Click "Load" button of CodeBin, load the upgrade bin file for upgrading.
- 3 Click "restore" .
- 4 Click "ENTER", start upgrading.

Message	×
j	Start restore please wait
	ENTER
	确定

Then processing bar on the bottom will go:

💽 Uart2spi tool v1.08_20120912 - SiS Internal Only can not release			
Update Restore	Backup		
Please	eselect a file and press "restore" batton to restore your system		
- Restore Select Lis	st		
Packet	Load		
✓ CodeBin	Load SISEU23X8M.bin E:\SIS380\Bin Files\CaiXun\P:		
🗌 DataBin	Load		
	restore Disconnect		
	Note		
	1. At the same time, only can choose to burn flash-bin or packet.		
	2. UartSpi will skip .save information in update packet file.		
	3. This version can't support burning data-flash data.		
CadaDia			
COGERIN	Liase		

First time is erasing the FLASH chip.

💽 Uart2spi tool v1.08_20120912 - SiS Internal Only can not release				
Update Res	tore	Backup		
PÌ	egse so	elect a file and press "restore" batton to restore your system		
- Restore Sele	ct List			
Packet		oad and a second a se		
✓ CodeBin	L	oad SISEU23X8M.bin E:\SIS380\Bin Files\CaiXun\P;		
🗌 DataBin	L	oad baa		
		restore		
		Note		
		1. At the same time, only can choose to bum flash-bin		
		2. UartSpi will skip .save information in update packet i Flapsed: 1 min 36 sec		
		3. This version can't support burning data-flash dar Remaining: 12 min 18 sec		
		Kenidining. 12 min 10 Sec		
CadaDia	- 1			
CodeBin	_ L	Program		

Second time is programing.



Wait programing is finish. Above window will show. Click "ENTER" to exit the window. Please power down the main board and power up. That's all.