

ASUSTeK COMPUTER INC.	OC GEAR Standard Operation Procedure	Doc. No:	
		Date: Apr. 21, 2010 Revision:1.00	
		Page: 13	Grade:

Rev.	Modified Chapters	Modification Description	Issued Dept.	Issued by	Revised Date
1.00		First Release	GRMA	Chongling	Apr.21,2010

Authorize by		Review by		Originator By	Chongling
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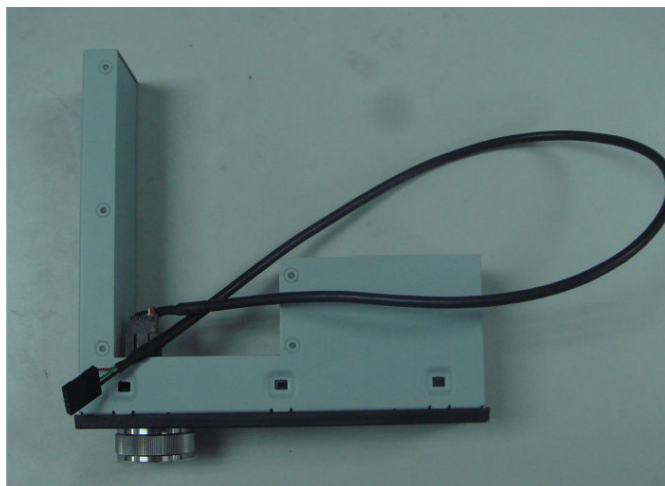
ASUSTeK COMPUTER INC	OC GEAR Standard Operation Procedure	Doc. No:
		Date: Apr. 21, 2010
		Rev. : 1.00 Page: 1
1.Objectives	Create test procedure.	
2.Scope	Model: OC GEAR PN: C1E010	
3.Test Item	3.1 Windows test	
4.Relevant Document	None.	
5.Definition	Note: please flash bios in windows XP .	

ASUSTeK COMPUTER INC	OC GEAR Standard Operation Procedure	Doc. No:
		Date: Apr. 21, 2010 Rev. : 1.00 Page: 2

## 6. Operation Procedures:

### 6.1 Attention

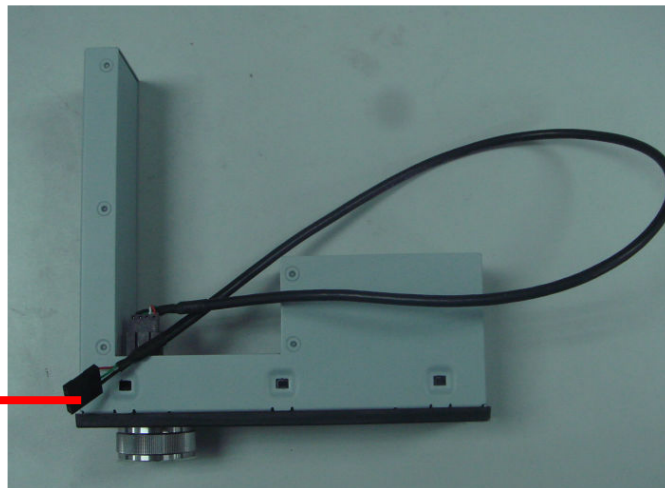
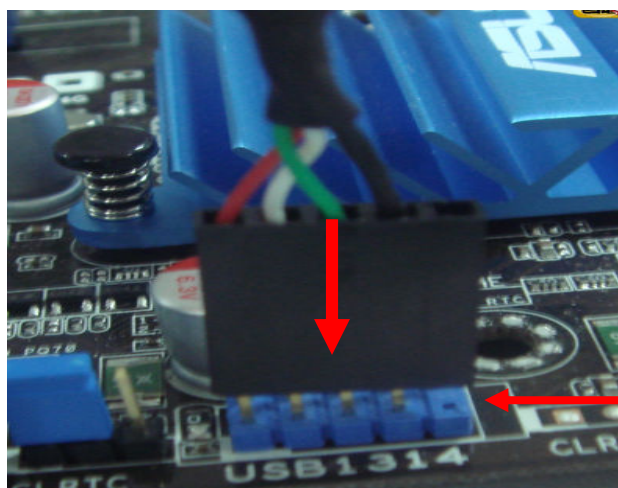
- 6.1.1 To avoid damaging devices or M/B, please turn off A/C power then unplug VGA card.
- 6.1.2 While unplugging the card, do it in upright direction to avoid damaging slot & golden finger.
- 6.1.3 If any problem happens, please inform test supervisor. Base on ATX power specification, +5V standby voltage is existed while AC power is connecting. For safety reason, please turn off main power during break time or idling test.
- 6.1.4 Test items should be tested under Windows(Microsoft Windows XP SP2) environment. (Please install windows test environment by yourself).



ASUSTeK COMPUTER INC	OC GEAR Standard Operation Procedure	Doc. No: Date: Apr. 21, 2010 Rev. : 1.00 Page: 3
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## 6.2 Prepared Item

- 6.2.1 Install Intel P5 CPU & CPU Fan.
- 6.2.2 Install DDR2 667MHz 512MB Memory to DIMM1~4.
- 6.2.3 Plug Keyboard/Mouse into PS/2 port.
- 6.2.4 Connect CRT to onboard VGA
- 6.2.5 Plug OC GEAR cable into MB USB PORT.



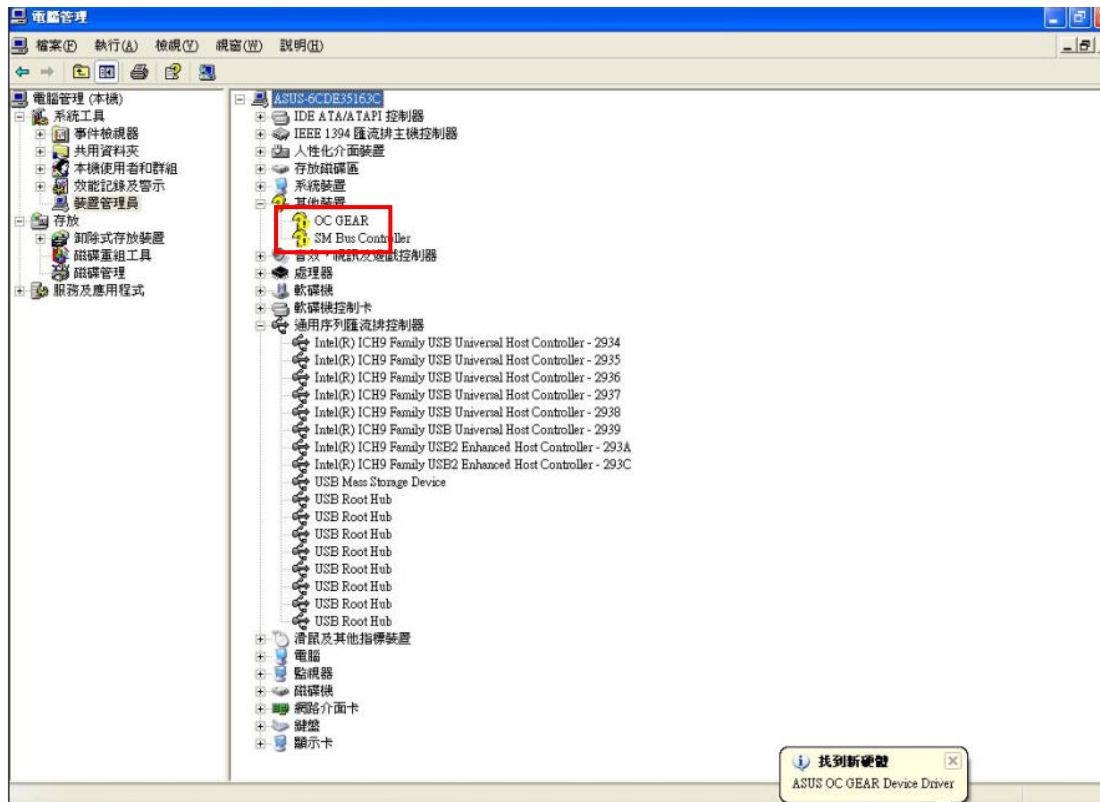
## 6.3 Diagnostic test in Windows XP.

- 6.3.1 Copy the following three documents added to the system on the desktop, as shown shaded. (OC GEAR Diagnostic V001c, OCGear20, OC GEAR Fw v0001)

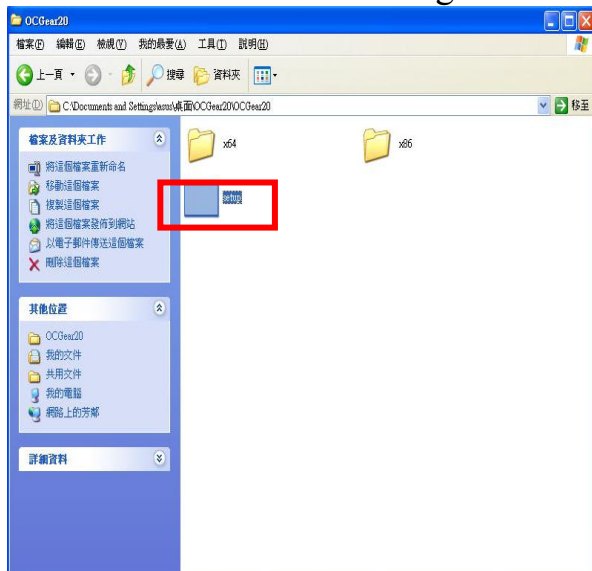


- 6.3.2 Open the Device Manager to see if there is no mandate to this device, as shown the red

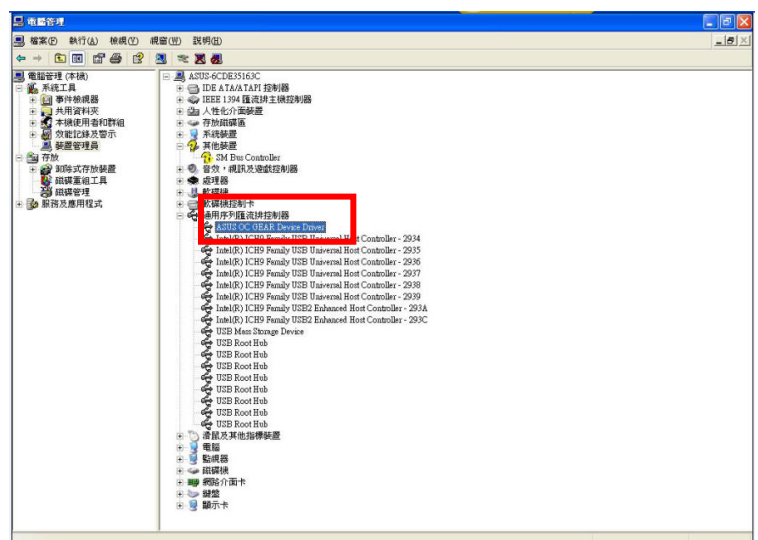
## box OC OEGAR



6.3.3 Open this folder on the desktop OCGear20, and then double-click setup.exe. Installed device drivers. Device Manager has been installed which will show better. As shown below



(1)

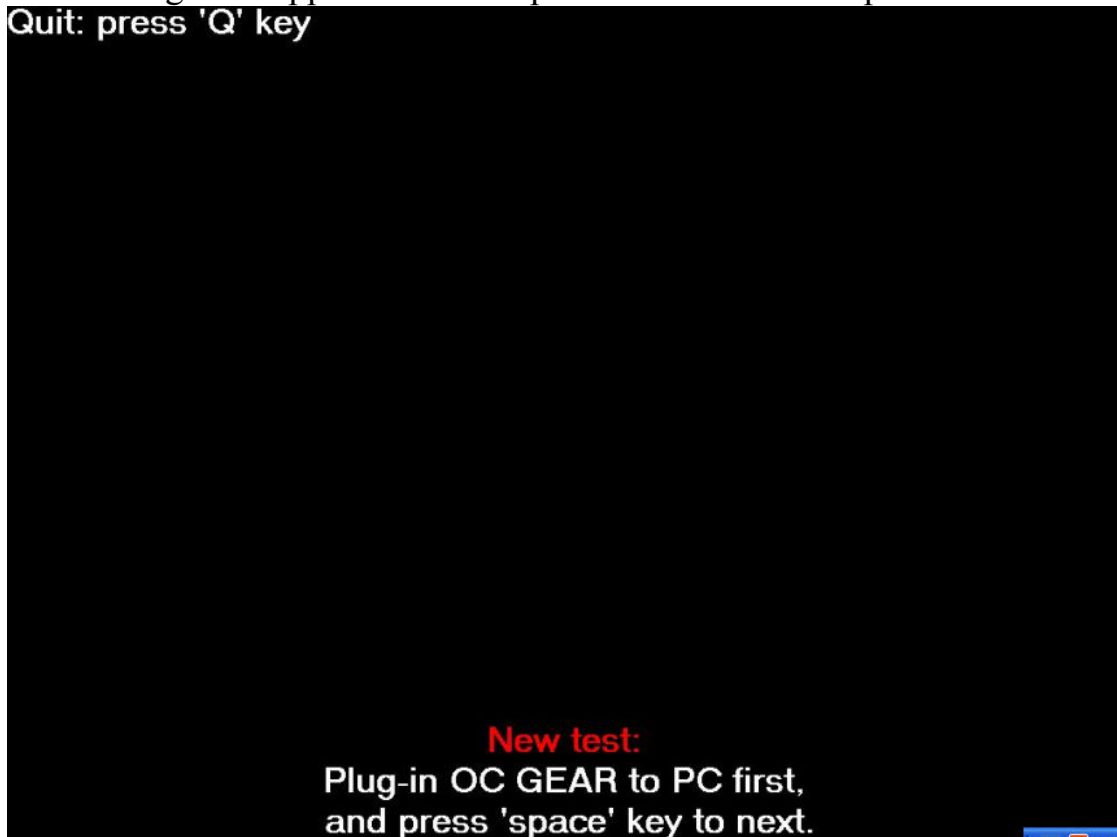


(2)

ASUSTeK COMPUTER INC	OC GEAR Standard Operation Procedure	Doc. No:
		Date: Apr. 21, 2010 Rev. : 1.00 Page: 5

6.3.4 Then open the desktop folder (OC GEAR Diagnostic V001c), and then double-click diag.exe. Appear under the pictures and said the operation.

Quit: press 'Q' key

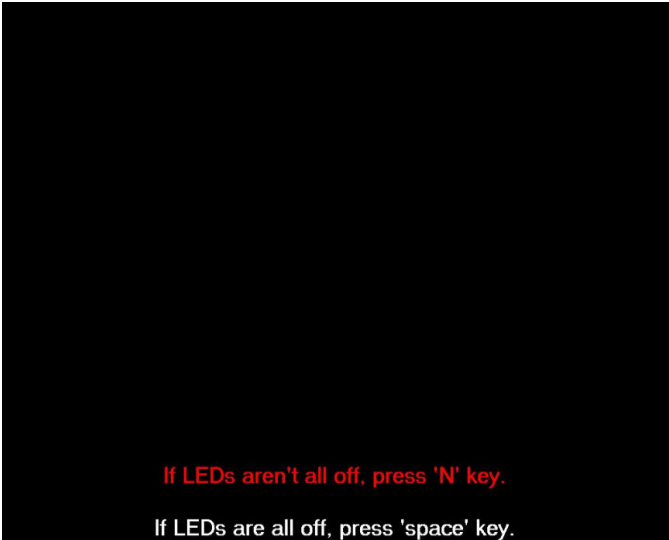


6.3.5 Press 'space' key to next. The figure appears

Cancel this test: press 'Esc' key



6.3.6 Press ‘space’ key to next. Prompted to see if equipment has not all bright lights , as shown below (At this time equipment shows bright light equipment, if incomplete, please maintenance.)

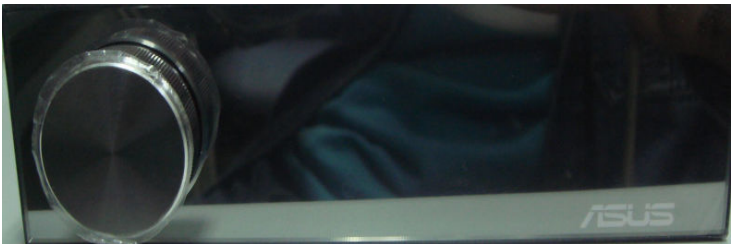
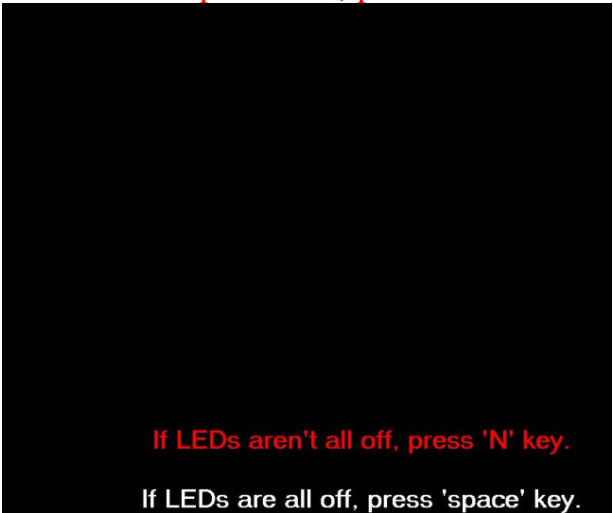


(1)



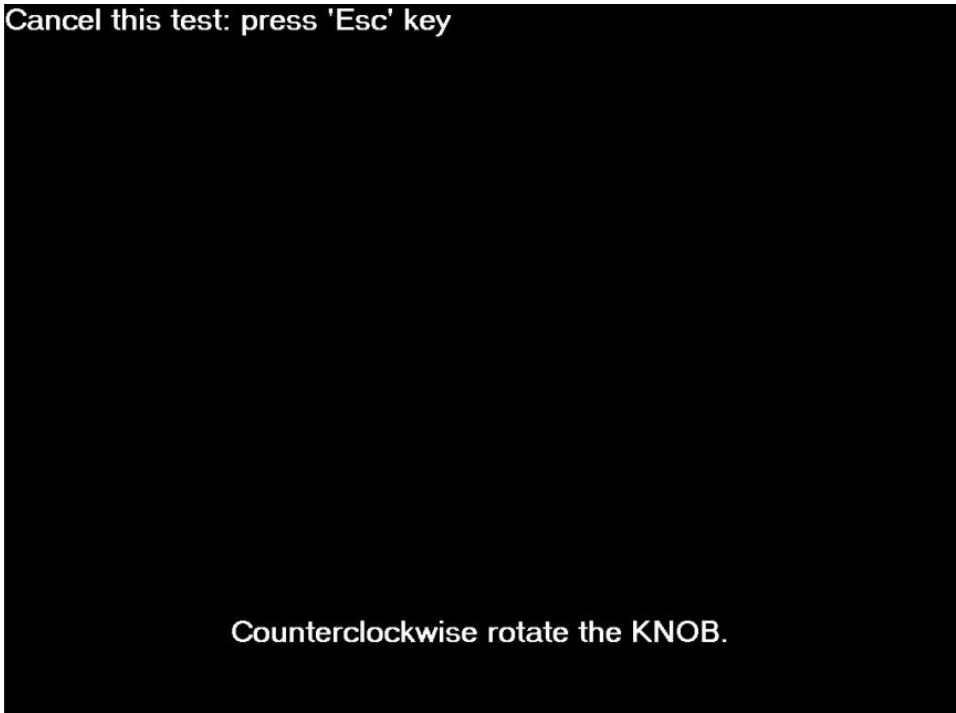
(2)

6.3.7 Press ‘space’ key to next , Lighting equipment prompted a look there Quanmie ,as shown below(At this time equipment failure exterminate light of the equipment if there are problems, please maintenance)





6.3.8 Press 'space' key to next, Test ok, appear under the map



6.3.9 According to the figure 6.3.8 prompt, press the ESC key to exit. A new test

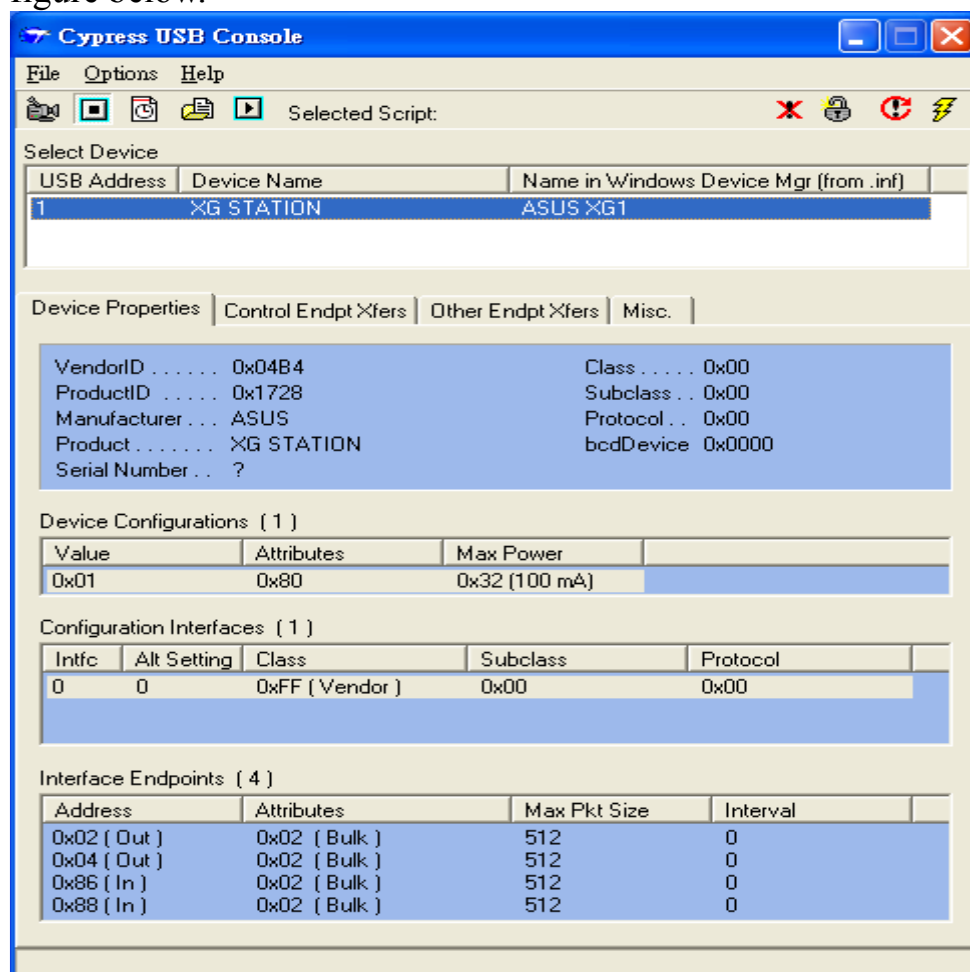
6.3.10 Note that in 6.3.6 and 6.3.7 tests found that the phenomenon, if not the same as with the map you are prompted by "N" button, the end appears directly under the map. Instructions to repair this equipment.



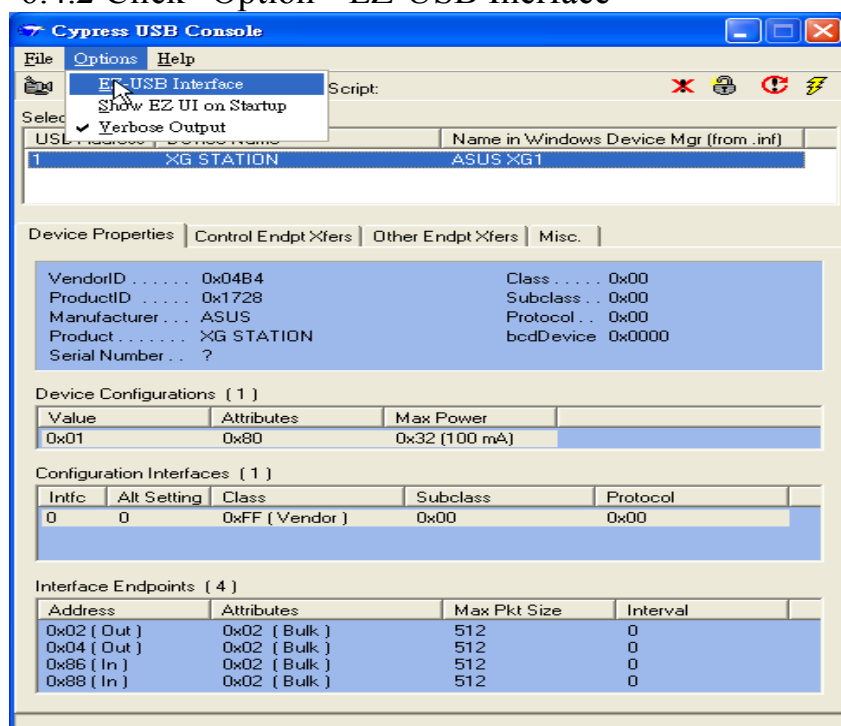


## 6.4 flash bios

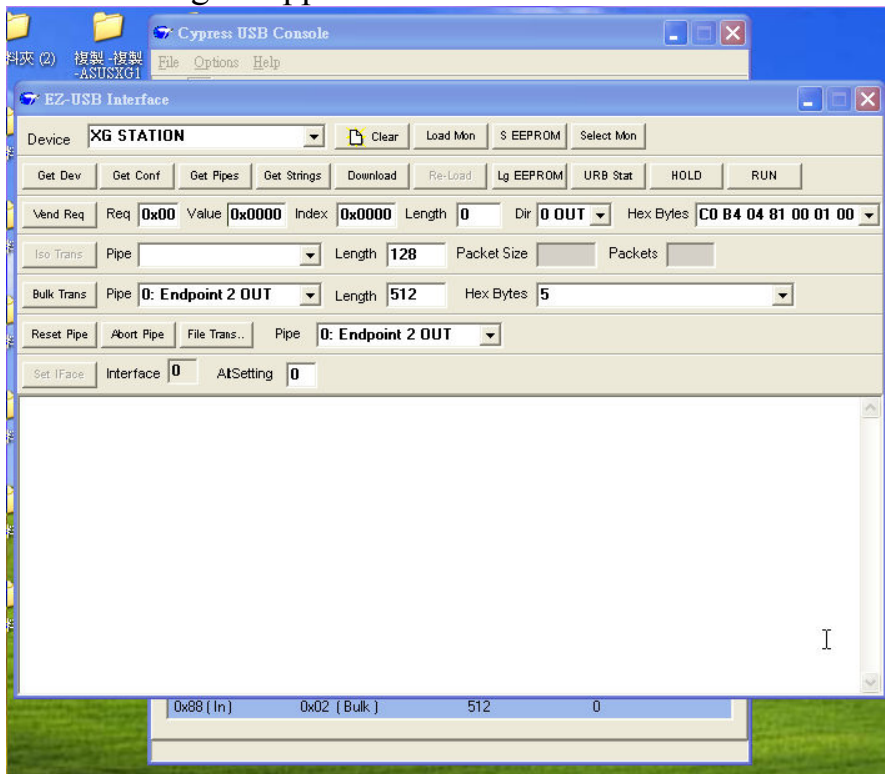
6.4.1 Please open the OC GEAR Fw v0001, double-click CyConsole.exe, appeared the figure below.



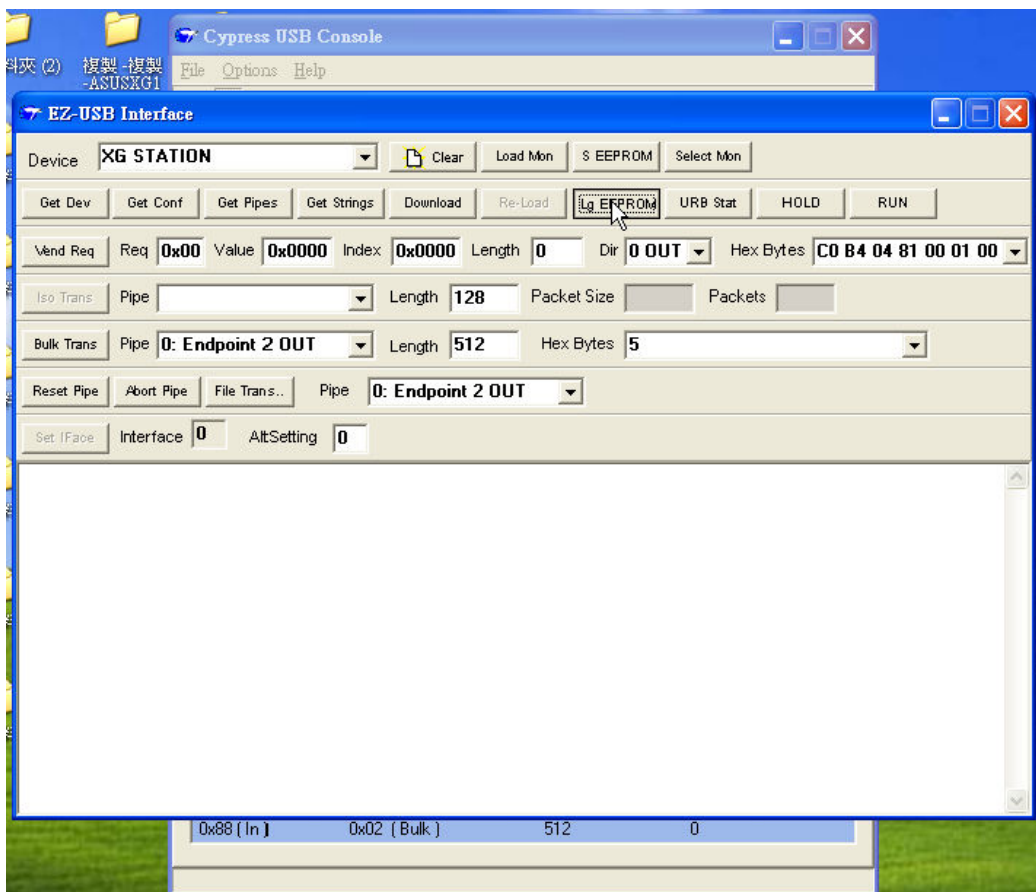
## 6.4.2 Click “Option-&gt;EZ-USB Interface”



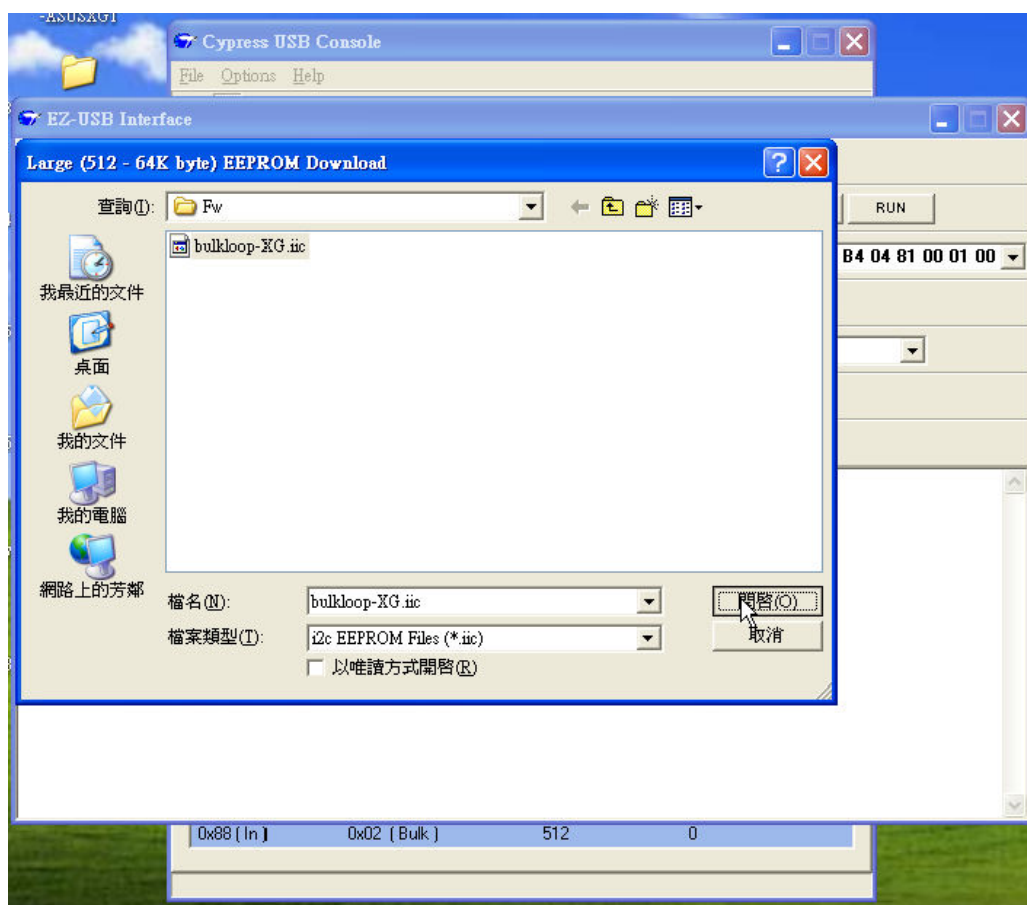
## 6.4.3 The figure appears.



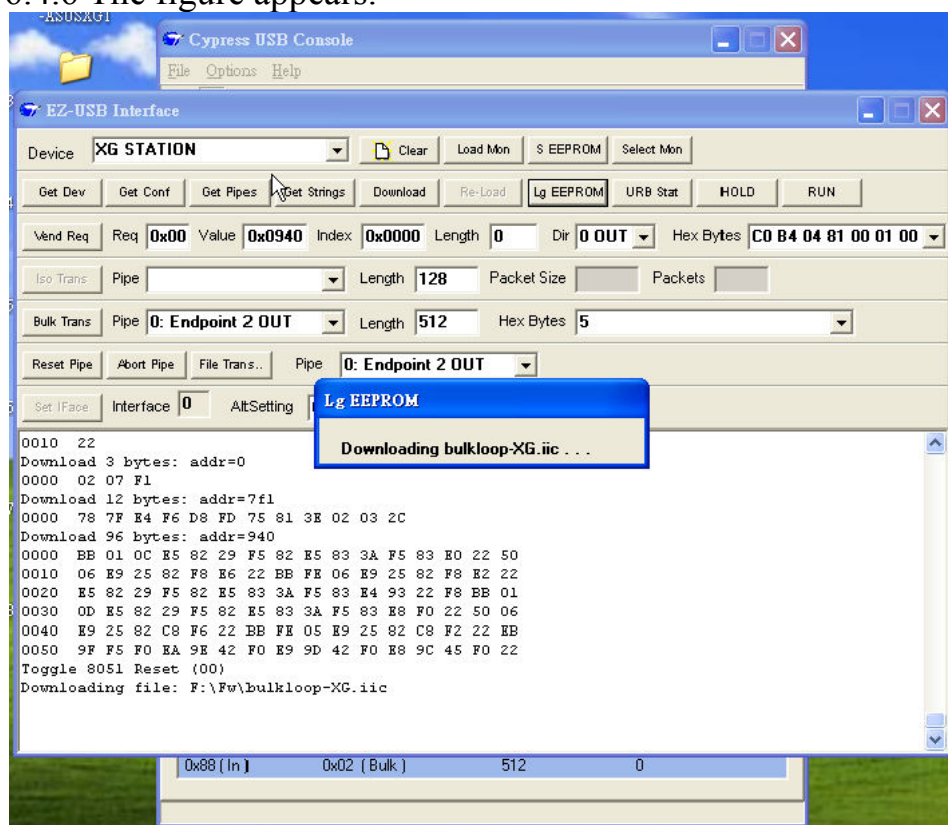
## 6.4.4 Click “Lg EEPROM” Bottom



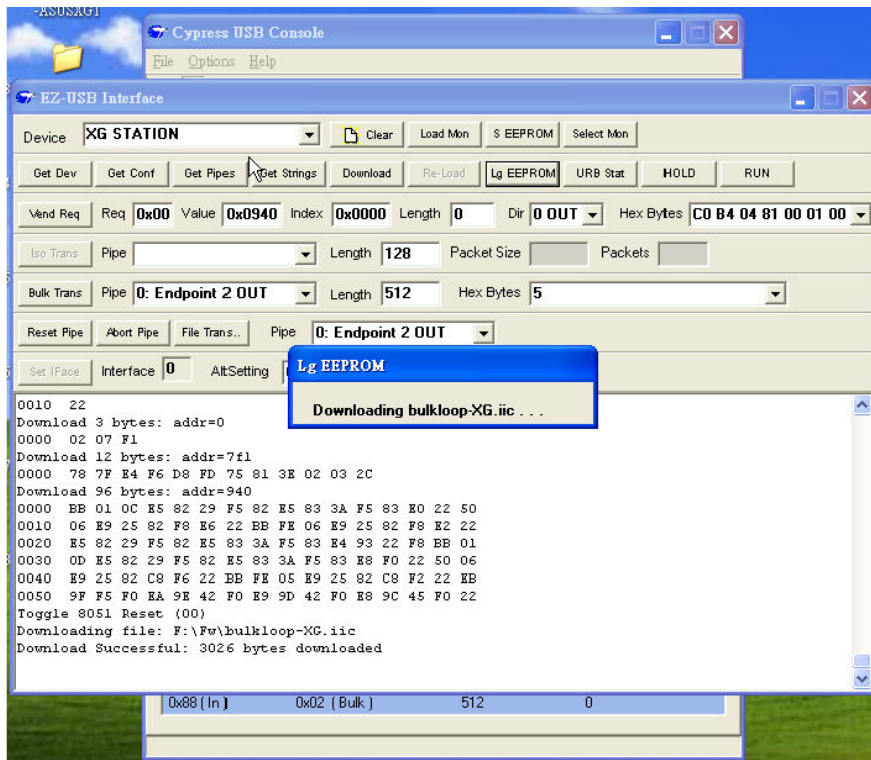
## 6.4.5 Choose firmware, and then click “open”



## 6.4.6 The figure appears.



## 6.4.7 Close program after showing “Download Successful”



## 7.Appendix

NO#	Equipment Description	ASUS Part#	Supplier	Quantity	Remarks
1	PS/2 KEYBOARD			1	
2	PS/2 Mouse			1	
3	ATX POWER SUPPLY(600W)			1	
4	INTEL P5 CPU			1	
5	Heat sink + FAN	22-240000160		1	
6	DDR2 512M	04G0016169A9NE(667) 20-TT2601204(800)		2	
7	TEST HDD			1	
8	SATA HDD Cable	14-000107070	ASUS	1	
9	CRT monitor			1	
10	P5E	MBB7X0	ASUS	1	
11	CABLE	14G000509301		1	
12	VGA card (any one card)				