Ultra Score Master and Handheld Upgrading Instruction

Preparation

A: Download the upgrading program master firmware and handheld firmware from the link below.

http://www.kazovision.com/sports/ultrascore/download/upgrade_ks-gc17/

B: Install the upgrade program ISP.exe.



ISP.exe Setup Launcher Unicode Nuvoton



Master Host Upgrade:

Step1, Connect the master host to the PC by a USB cable.



Step2, Right click "Computer" button on the PC and open the "Management". Then click the "Device Manager" to check the number of master host port.

Step3, Open the NuMicro ISP Programming Tool.



Step4, Check the "COM" in the Connection type and choose the number of com port. Click "Connect" in Connection check then press the reset button on the master host instantly.



ile About	Programming	1001 V1.46			
Connection type Consection type COM		© EM	AC Connection	^{check}	nnected
Part No.	RAM: N/A	APROM: N/A D	ataFlash: N/A		F/W Ver: N/A
Load file APROM	File name: File size:	C:\Program File	es Wuvoton Tools \ISPT Checksum:		
DataFlash	File name: File size:	C:\Program File	Checksum:		
Setting	Config 0: 0x	FFFFFFF	Config 1: 0	x FFFFFFF	Last config
APROM Data	Flash				
Program (a) APROM Status	🔘 DataFlash	O APROM	+DataFlash 🔘 Erase	e All 🗌 Config	





Step5, Click "APROM" and choose the file "master.bin" which was downloaded before. Then check "APROM" in program and click "Start" button.

NuMicro IS	P Programming	Tool V1.46	
File About			
nuvo	Ton		
Connection ty	ype	Connection check	
O USB		C EMAC	nnected
OCM	COM2		milected
Part No. M058LBN	RAM: 4096	Bytes APROM: 32768 Bytes DataFlash: 4096 Byte	es F/W Ver:2.4
Load file	Eile namer	Culture grant Edge Municipal Teals (ISDTeal)	
APROM	File name:	C: Program Files (Volvotor Tools (LSP Tool)	
	File size:	Checksum:	
DataFlash	File name:	C:\Program Files\Nuvoton Tools\ISPTool\	
Datariasi	File size:	Checksum:	
Configuration	bits		
Setting	Config 0: 0x	FFFFFF7F	Last config 🗸
- File data			
APROM Da	taFlash		
Program	O Data Flack		Canfia
APROM	Datariash		Lornig
Status			



e About					
IUVOI	on		Connection d	a di	
Connection type		C EMAC	connection cr	IECK	
© COM CO	M1		Disconnect		ted
Part No.					
M0516LBN	RAM: 4096 E	ytes APROM: 65536	Bytes DataFlas	h: 4096 Bytes	F/W Ver:2.4
Load file	File name:	C:\Users\Administrat	or\Downloads\svn	oswimming master bi	n
APROM	The fighter	C. pacia Munima da	or pownloads pyri	covinining_moster.or	1
	File size:	7536 Bytes	Checksum:	0x0C17	
	File name:	Culture Stanlahu	a han Ta ala MODTa	-1)	
DataFlash	The Home	C: Program Files (NU)	oton Tools (LSPToo		
	File size:		Checksum:		
Configuration bits					
Setting	Config 0: 0x	FFFFFF7F			Last config
File data					
APROM DataFla	ash				
00000000 A0	09 00 20 D	19 00 00 D5 19	00 00 D7 19	00 00 ;	
00000010 00	00 00 00 00	0 00 00 00 00 00	0 00 00 00 00	00 00 ;	
00000020 00	00 00 00 00	0 00 00 00 00 00) 00 00 D9 19	00 00 ;	
00000030 00	00 00 00 00	0 00 00 00 DB 19	00 00 DD 19	00 00 ;	
00000040 DF	19 00 00 79	02 00 00 71 08	8 00 00 DF 19	00 00 ;у.	p
00000050 DF	19 00 00 D	7 19 00 00 DF 19	00 00 DF 19	00 00 ;	
00000060 7D	04 00 00 99	5 04 00 00 DF 19	00 00 DF 19	00 00 ; }	
00000070 B7	16 00 00 13	7 17 00 00 DF 19	00 00 DF 19	00 00 ;	
00000080 DF	19 00 00 D	7 19 00 00 DF 19	00 00 DF 19	00 00 ;	••••••
Program				1/1	PASS
APROM	O DataFlash	APROM+Data	Flash 🔘 Erase /	All 📃 Config	.,,



Handheld Upgrade:

Step1, Prepare a serial port line, plug it onto the handheld. Connect the other side of serial port line to the PC. (The handheld should be in shutdown mode)



Step2, Right click "Computer" button on the PC and open the "Management". Then click the "Device Manager" to check the number of handheld port.

Step3, Open the NuMicro ISP Programming Tool.





Step4, Check the "COM" in the Connection type and choose the number of com port. Click "Connect" in Connection check then boot the handheld instantly.

Connection typ		© EMAC	nnection check	onnected
Part No.	RAM: N/A	APROM: N/A DataFlash: N/	Ά	F/W Ver: N/A
Load file APROM	File name: File size:	C:\Program Files\Nuvoton 1	'ools\ISPTool\ necksum:	
DataFlash	File name: File size:	C:\Program Files\Nuvoton 1	iools\ISPTool\ necksum:	
Setting File data	Config 0: 0x	FFFFFFFF	onfig 1: 0x FFFFFFFF	Last config
Program				
APROM Status	🔘 DataFlash	O APROM+DataFlash	Config	3
				Start



Step5, Click "APROM" and choose the file "handheld_main.bin" which was downloaded before. Then check "APROM" in program and click "Start" button.

	rogramming	1001 V1.40	
About			
UVO	τοη		
Connection type	:	Connection check	
O USB		Disconnect Conr	nected
© COM [C	OM1		
Part No. M0516LBN	RAM: 4096	Bytes APROM: 65536 Bytes DataFlash: 4096 Bytes	F/W Ver:2.4
Load file	_1		
APROM	File name:	C: \Program Files \Nuvoton Tools \LSPTool \	
	File size:	Checksum:	
	File name:	C:\Program Files\Nuvoton Tools\ISPTool\	
DataFlash	File size:	Checksum:	
Configuration bi	h-1		
Setting	Config 0: 0x		Last config
File data			
APROM DataF	lash		
Program			
- The area	O DataFlash	🔘 APROM+DataFlash 🛛 Erase All 👘 Confid	a
APROM			
APROM Status	0		
APROM Status			Church I



Connection type Connection check USB © COM Part No. MS16LEN MOS16LEN RAM: 4096 Bytes APROM File name: C:\Users\Administrator\Downloads\syncswimming_handheld_main.bin File size: 29380 Bytes Checksum: 0xAA9F DataFlash File name: C:\Program Files\Vuvoton Tools\ISPTool\ File size: Checksum: Configuration bits Setting Config 0: 0x FFFFFF7F Last config 00000000 80 00 00 00 00 00 00 00 00 00 00 00 00 0			_																		
Connection type USB COM COM1 Disconnect Connected Disconnect Connected Disconnect Connected Disconnect Connected Part No. MO516LBN RAM: 4096 Bytes APROM: 65536 Bytes DataFlash: 4096 Bytes F/W Ver:2.4 Load file APROM File name: C:\Users\Administrator\Downloads\syncswimming_handheld_main.bin File size: 29300 Bytes Checksum: CxAA9F Configuration bits Setting Config 0: 0x FFFFFF7F Last config File data APROM DataFlash O000000 B0 0A 00 00 00 00 00 00 00 00 00 00 00 00	IUVC	21	C)(ור		-	-													
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MOS1GLEN RAM: 4096 Bytes APROM: 65536 Bytes DataFlash: 4096 Bytes F/W Ver:2.4 Load file File name: C:\Users\Administrator\Downloads\syncswimming_handheld_main.bin APROM File name: C:\Users\Administrator\Downloads\syncswimming_handheld_main.bin DataFlash File name: C:\Program Files\Nuvoton Tools\ISPTool\ File size: C:\Program Files\Nuvoton Tools\ISPTool\ File size: Checksum: Configuration bits Setting Setting Config 0: 0x FFFFF7F Last config File data APROM DataFlash 00000000 80 0A 00 20 51 38 00 00 55 38 00 00 57 38 00 00 5;	Part No.	0	11																		
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