Stella B2 업그레이드 방법



NTRexLAB



1. 아래의 ST 홈페이지에 접속 – Design support(클릭)

http://www.st.com/internet/mcu/product/164486.jsp#SW_DEMOS

한덕 번덕 안함 영어	항상 번역		
TMicroelectronic	S		
ME ABOUT ST CONT	ACTS PRESS LOGIN		_ y _
me > Micros and Memories	Microcontrollers > STM32 - 32-b	bit ARM Cortex MCUs = STM32 F1 Mainstream = STM32F103RC	-
TM32F103RC			
Mainstream Performance	ANM Cortex-M3 MOD with	56 Kbyt - 2 PU, motor control, USB and CAN	
Active		2 2 7	
Outlets uterus	Desing suggest	Orderskie werdenten (Delated information	ONLINE SUPPORT
Quick view	Design support	Related information	ONLINE BOFFORT
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Description			
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The STM32F103xC, STM32F1	03xD and STM32F103xE perfor	rmance line family incorporates the high-performance ARM®Cortex™-M3 32-	
bit RISC core operating at a Kbytes), and an extensive ra	72 MHz frequency, high-speed ange of enhanced I/Os and per	embedded memories (Flash memory up to 512 Kbytes and SRAM up to 64 ripherals connected to two APB buses. All devices offer three 12-bit ADCs.	1
our general-purpose 16-bit	timers plus two PWM timers, a	is well as standard and advanced communication interfaces: up to two I2Cs,	DATASHEET
three SPIs, two 12SS, one SL	IO, five USARTS, an USB and a	I CAN.	
The STM32F103xx high-dens	ity performance line family ope	erates in the -40 to +105 °C temperature range, from a 2.0 to 3.6 V power	
	or power sating mode anows		
hese features make the ST such as motor drives, applic	432F103xx high-density perfor ation control, medical and hand	rmance line microcontroller family suitable for a wide range of applications sheld equipment, PC and gaming peripherals, GPS platforms, industrial	
applications, PLCs, inverters	, printers, scanners, alarm syst	tems video intercom, and HVAC.	
Key Features).		
Rey reduces			
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	A MOLICOLL	tone 2.1) performance at 0 wait state memory	
 Core: ARM 32-bit Cortex" 72 MHz maximum freq 	uency, 1.25 DMIPS/MHz (Dhrys)	cone 2.1) performance ac o wait state memory	
 Core: ARM 32-bit Cortex" 72 MHz maximum freq access Single-rycle multiplicat 	uency, 1.25 DMIPS/MHz (Dhrysi	cone 2.1) performance ac o waic scate memory	
Core: ARM 32-bit Cortex" 72 MHz maximum freq access Single-cycle multiplicat Memories	ion and hardware division	cone 2.1) performance at o wait state memory	
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2. SW DRIVERS - STM32 and STM8 Flash loader demonstrator 다운 후 프로그램 인스톨

86.isp#SW_DEMOS 빗습니까? 번역 번역 안함 영어 항상 번역 ۵ (یک CEC (consumer electronic control) C library using the STM32F101xx, STM32F102xx and 2.0.0 1692KB STM32F103xx microcontrollers 1 STM32F101xx and STM32F103xx medium- and high-density devices: advanced I²C examples 4.0 1506KB STM32F10x standard peripheral library 3.5.0 21617KB 4 Patch to fix STM32F10xxx frmware library V2.0.3 limitations 2.0.3 143KB 1 41) STM32F1xx motor control firmware library for the L6470 dSPIN IC 1.0.0 675KB 41) STM32 PMSM FOC SDK v3.0 motor control firmware library 3.0 28609KB 41) Implementing receivers for infrared remote control protocols using STM32F1 microcontrollers 2.0 12984KB STM32 I2C Communication peripheral application library 1.1.0 1960KB 41) STM32 embedded GUI library 2.0.0 25243KB 41 1.0.1 41) STM32F1xx motor control firmware for easySPIN L6474 1353KB STM8 and STM32 embedded software solutions 1.0.1 1139KB Image: STM32F10x and STM32L1xx USB full-speed device library 3.4.0 4030KB SW DEMOS Description Version Size STM32 TFT-LCD direct drive demonstration firmware 1.0.0 7345KB **(**) DfuSe USB device firmware upgrade STMicroelectronics extension: contains the demo GUI, 3.0.2 17034KB STM32 and STM8 Flash loader demonstrator (1P 2.5.0 6449KB SW DRIVERS Description Version Communication peripheral FIFO emulation with DMA and DMA timeout in STM32F10x 1.0 1224KB 41) microcontrollers USB HID Demonstrator Release 1.0.2 1.0.2 4875KB STM32 Virtual COM Port Driver 1.3.1 11516KB **a**() Models & Simulators BSDL MODELS **BSDL MODELS**

 Description
 Version
 Size

 STM32 Boundary Scan Description Language (BSDL) files
 3.0.0
 196KB

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3. Mini USB 케이블을 이용하여 PC와 스텔라 B1의 보드와 연결합니다.





4. 스위치를 그림과 같은 위치에 두고, 리셋 스위치를 누릅니다.





5. Stella B2 판매 페이지에 Stella_v2.bin 파일을 다운 받은 후 STMicroelectronics flash loader를 실행 합니다.

🗇 Flash Loader Demonstrato	r	
	STMicroelectronics	57
	Select the communication port and set settings, the connection, Common for all families © UART Port Name Baud Rat Data Bits Baud Rat Baud Ra	en click next to open Even 💌 Disabled 💌 5 💌
FLASHT	다음과 같이 설	정해주세요.
	Back Next C	

(주)엔티렉스 부설연구소

★ Port Name은 사용자 컴퓨터에 따라 다릅니다.

6. STMicroelectronics flash loader => NEXT

Flash Loader Demonstrato	or STMicroelectronics	
	Target is readable, Please click "Next" to proceed,	
FLASHT	Flash 256 KB	ve protection
	큭린	
1	<u>B</u> ack <u>N</u> ext <u>Cancel</u>	<u>C</u> lose



7. STMicroelectronics flash loader => NEXT





8. STMicroelectronics flash loader => NEXT





9. 다운로드 실행





10. 다운로드 완료





11. 스위치를 다음 위치로 이동 후 리셋 스위치를 누르면 완료 됩니다.



