奋斗版 STM32 开发板串口 ISP 步骤

该方法适合奋斗版 STM32 核心开发板及完整开发板。

- 1. <u>将板上的 JP1 上的短接块拔掉</u>, 用串口线(三线制)将 PC 机与开发板的 COM1 连接起 来, 给开发板加电。 <mark>设置BOOT1为0, BOOT0为1</mark>
- 2. 运行 PC 机端的 FLASH LOADER 软件。 该软件在随机光盘的工具文件夹里。设置如
 图,点 NEXT 键

🤣 Flash loader demonst	rator (v2.0.	. 0)				_ X	
NO	STMicroelectronics						
6	Select the communication port and set settings, then click next to open connection. VART						
11.5	Port Name	COM1	*	Parity	None	+	
	Baud Rate	115200	٠	Stop Bits	1	7	
	Data Bits	8	y.	Timeout (s	5		
	CAN (ComBox)						
ELACUT		Baud Rate	125	Kb/s	-		
PLAVIII		limeout(s	2	1			
	(° USB (DFV)						
1177							
	Ê.	acht 🛛	Mext	Gan	cel	<u>F</u> inish	

3. 连接正常的情况会出现如下的界面,并指示出该期间的 FLASH 的存储空间大小。

🤣 Flash loader demonst	trator (v2.0.0)
6	STMicroelectronics
1	Target is readable. Please click "Next" to proceed.
	Semove protection
ri scute	Flash 512 Kb
PLASEI	
197	
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4.点击 NEXT 键会显示显示详细的器件信息。

🤣 Flash loader demons	strator (v2.	0. 0)			
ND	STMIcroelec	tronics	68		57
	Please, sel	ect your devic STM32 High-den:	e in the tar; sity 512K	get list	-
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the second se	A Page1	0x 8000800	0x 8000FFF	0x800 (2K)	66
sufficient de la company de la company de	🎭 Page2	0x 8001000	0x 80017FF	0x800 (2K)	66
FLASH	🔦 Page3	0x 8001800	0x 8001FFF	0x800 (2K)	66
T CALCHITE	🎭 Page4	0x 8002000	0x 80027FF	0x800 (2K)	66
And Address of the second	A Page5	0x 8002800	0x 8002FFF	0x800 (2K)	66
a to be a second as a second a	🦠 Page6	0x 8003000	0x 80037FF	0x800 (2K)	66
	🎭 Page7	0x 8003800	0x 8003FFF	0x800 (2K)	66
	🎭 Page8	0x 8004000	0x 80047FF	0x800 (2K)	66
	A Page9	0x 8004800	0x 8004FFF	0x800 (2K)	66
and all and and	🎭 Page10	0x 8005000	0x 80057FF	0x800 (2K)	88
and shall a	A Paga11	0., 8005800	0	0*800 (38.)	A A 🞽
2 Julie 11	Legend :	🖪 Prot	ected 🛛	J UnProtecte	đ
		Back	Next	Gancel	<u>F</u> inish

5 点击 NEXT 键,显示如下,选择需要下载的 HEX 文件。

🤣 Flash loader demonst	rator (v2.0.0)
NO	STMicroelectronics
	C Erase
PL I	Download to device Download from file
	are\sample\STM32奋斗板-触摸屏\obj\stm32-fd-touch.hex
	@ 2000000 🗾 🔽 Jump to the user progra
and the second s	Optimize (Remove some FFs) Verify after download Annly option by
FLASHIT	C Upload from device
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1 10/1-	C Edit option bytes
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6. 点击 NEXT 键,经过一段下载的过程,完成代码的下载

7. 完成后,给开发板断电,在开发板的 JP1 上插入短接块,给开发板重新供电,程序即开始运行。

2009.12.18 By Sun68