DT-IPG Firmware Update (Fully)

1. Update

Make sure your computer has install necessary software: https://ldrv.ms/f/s!AhpgpXnqP9XIgWvLCOEY6U64943C Download update files require in this manual: https://ldrv.ms/f/s!AhpgpXnqP9XIgzTRlgZBmULrhhXw

PART 1

a. Install "sttoolset_pack32.exe" and "STM32 ST-LINK Utility_v3.3.0.exe" on PC, after connect ST-Link with PC, click on the "STM32 ST-LINK Utility.exe" to run the software

STMicroelectronics		1440	Normal Aday	Cervice Information
STM32 ST-LINK Utility			Address Boltococco v See <u>1993 9</u> Data Walfy 22'ber v Decine Henry (Bolty See Decine Henry	Sence Dense D Renden ID Het war
STM32 ST-LINK Utility		l. Co >		
June Docs	•	de [.] set		
度素程序和文件	×ii. ▷			
			Decorrected Decise 33 (Contrate (Activity) coded

b. Click on "File" then "Open".

File dit View Target ST-LINI	K External Loader Help	
Open file CTRL+O	SWV	
Save file as CTRL+S		Device Information
Close File		Device
	x353E8 Data Width: 32 bits -	Device ID
Compare two files		Revision ID
Eult		Flash size
EXit		LiveUpd

c. For Standard firmware use "DT_IPG_stm32_Boot&app_std.bin" and then open.

▶ 计算机	• [۲
文件名(N):	DT-IPG.bin	✓ Sup	ported Files (*.bin *.hex * 💌
		打	开(0) 取消

d. On the menu tool of the software, click "Target", and click "Program & Verify..."

File Edit View Ta	rget ST-LINK External Loader Help		
Memory display Address: 0x0800 Device Memory Device Memory	Connect Disconnect CTRL+D Erase Chip CTRL+E Erase Bank1 Erase Bank2 Erase Sectors	3	Device Information Device ID Revision ID Flash size
	Program		
	Program & Verify CTRL+P		
	Blank Check Target memory compare with file		

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e. A window pop up and make sure the start address to "0x08000000" as below, and click on "Start" After progress, below message means the update is finish.

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PART 2

Please follow step by step

a. Use a tweezers short as below and connect with USB wire. (Do Not connect with PC first!!, keep short during the update process!)



b. Unzip "**dt_ipg_PART2.rar**" and run "AutoWriter.exe" (<u>No matter Encrypted or Standard version all using</u> same file in this step)

AutoWriter.exe	2018/1/26 17:48	应用程序	88 KB
🗿 AutoWriter.ini	2018/1/26 17:48	配置设置	1 KB

c. when you see below window, "Plug USB and power-on to start programming" and now connect the USB wire to your PC (Don't need to power up the unit.). After the USB connected, wait for seconds the device will automatically write:

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Current NAND -		Cancel	Current	NAND	-	Cance
	[Save				Save
Post Processing			-Post Proce	sing		
Post Processing			🗌 Post P:	ocessing		
💿 Burn dísk ímages			💿 Burn	dísk ímages		
NAND1-1/SD1-1			NAND1-	1/SD1-1		
NAND1-2/SD1-2			NAND1-	2/SD1-2		
C Copy the files and subfolder	s of selected fol	Ld	C Copy	the files and subfol-	ders of selected fold	
NAND1-1/SD1-1			v copy	d /ond_d	ters of selected ford	
			MANDI	-1/501-1		
NAND1-2/SD1-2			NAND1-	-2/SD1-2		

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d. With below massage the write is finish.

🔀 AutoWriter	×
Statu: Burn Success	

e. Power up the unit. With the new version, the NET will flash in standby mode. Please notice.