7SEMI ST-LINK Firmware upgrade using STM32CubeProgrammer

Step 1- Connect ST-LINK to System USB port .Serial number shows that ST-LINK is detected by STM32CubeProgrammer

Prg STIV	132CubeProgrammer		- 🗆 X
STM32 Cube	Programmer (1997)	F 🖸	• 🛪 🏹
	Memory & File editing	<u>.</u>	Not connected
	Device memory Open file +	ST-LINK	▼ Connect
.	Add 🔽 Data w 32 🔻 Find D 0x Read 💌	Serial number	56FF6E06 V
OB		Port Frequency (kHz)	SWD -
CPU		Mode	Normal 🔹
swv	No data to display	Access port	0 🗸
		Speed	Software reset Reliable
		Shared	Disabled 🔹 🕤
		Debug in Low Pow External loader Target voltage	er mode 🗹
	Live Update Verbosity level • 1 • 2 • 3	Firmware version \	/2J39S7 Firmware upgrade
		Targ Board Device	et information -
Ø		Type Device ID Revision ID	
?	0% 🛞	Flash size CPU Bootloader Versior	- - - -

Step 2- Select Firmware upgrade button after that STlinkUpgrade window will appear.

Prg STIV	32CubeProgrammer			– 🗆 X
STM32 Cube	Programmer (1	0	f 🕨	¥ 🛪 🏹
■	Memory & File editing		Ţ	Not connected
	Device memory Open file +		ST-LINK	 Connect
	Add 🔽 Data w 32 🔻 Find D Ox Read	•	ST-LI Serial number	NK configuration
			Port	SWD 👻
			Frequency (kHz)	4000 👻
CPU			Mode	Normal 🔻
swv			Access port	0 👻
╞	No data to display		Reset mode	Software reset 🔹 👻
			Speed	Reliable 🔻
			Shared	Disabled 🔹 🕦
			Debug in Low Po External loader	vermode 🗸
	Log Live Update Verbosity level 1 2	3	Firmware version	V2J39S7 Firmware upgrade
	17:32:29 : STM32CubeProgrammer API v2.11.0 Windows-648its	\$		
			 Board	get information -
$\overline{\mathscr{O}}$			Device Type Device ID Revision ID	- - -
?	0% (×	Flash size CPU Bootloader Versie	- - - no

STLinkUpgrade 3.3.7		– 🗆 X
ST-LINK/V2	✓ Refresh device list	
Open in update mode		STM32
ST-Link ID: 56FF6E064856895652171467		Releasing your creativity
Current Firmware:		
Type:		
Version: Unknown		
Update to Firmware: Unknown		
Upgrade		

Step 3- STlinkUpgrade window will shows connected ST-LINK/V2 device.

STLinkUpgrade 3.3.7		– 🗆 X
ST-LINK/V2	Refresh device list	
Open in update mode	_	STM32
ST-Link ID: 56FF6E064856895652171467		Releasing your creativity
Current Firmware:		
Type:		
Version: Unknown		
Update to Firmware: Unknown		
Upgrade		

Step 4- Select **Open in update mode** in STlinkUpgrade window.After selection, current ST-LINK firmware details are fetched.



Step 5- Select **Upgrade** in STlinkUpgrade window.



Step 6- After upgrade selection, upgradation process will be started and after successful completion Upgrade successful message will appear .

STLinkUpgrade 3.3.7	_		×
ST-LINK/V2 Refresh device list Open in update mode	-	-	
ST-Link ID: 56FF6E064856895652171467 Releasing your of Releasing your of the second se	reativity		
Current Firmware:			
Type: STM8/STM32 Debugger			_
Version: V2J39S7			_
Update to Firmware: V2J39S7 STM8/STM32 Debugger			
Upgrade .			

