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1. Extract en.stsw-stm32080.zip and install DfuSe_Demo_V3.0.5_Setup

Note! If there are no devices appearing in this software, you might need to manually add driver in the Device Manager (point to the installation folder of DfuSe).

2. Open DfuSeDemo program

Available DFU Devices	Application Mode: DFU Mode: Vendor ID: Vendor ID:
	ted Upload (ST) Procuct ID: Procuct ID: Version:
Enter DFU mode/HID detach Leav	DFU mode
Actions	
Select Target(s): Target Id Name	Available Sectors (Double Click for more)
Upload Action	Upgrade or Verify Action
Upload Action File: Choose Upload	Upgrade or Verify Action File: Vendor ID: Targets in file: Procuct ID:
File:	File: Vendor ID: Targets in file: Procuct ID:
File: Choose Upload	File: Vendor ID: Procuct ID: Version: Verify after download
File: Choose Upload Transferred data size	File: Vendor ID: Procuct ID: Version:

 Connect CAN device to PC via microUSB-USB cable (make sure 24V DC is DISCONNECTED from the device).Press RESET button prior conencting USB to PC. While the button is pressed, connect cable from the PC to device. It will set up drivers automatically. You should see then such picture. Make sure you see STM Device in DFU Mode under Available DFU Devices.

IfuSe Demo (v3.0.5)			- 🗆 ×
Available DFU Devices			
STM Device in DFU Mode	~	Application Mode:	DFU Mode:
Supports Upload Supports Download Can Detach	Manifestation tolerant Accelerated Upload (ST)	Vendor ID:	Vendor ID: 0483 Procuct ID: DF11 Version: 2200
Enter DFU mode/HID detach	Leave DFU mode	Version.	Version. 2200
Actions			
Select Target(s): Target Id 00 01	Name Internal Flash Option Bytes	Available Sectors 64 sectors 1 sectors	s (Double Click for more)
Upload Action File: Choose U Transferred data size 0 KB(0 Bytes) of 0 KB(0 Bytes) Operation duration 00:00:00	Verify afte	r download Jpgrade duration (Remo	
Abort			Quit

4. Click **Choose**, choose firmware DFU file (8rel_v4.dfu for 8 relay module), enable check-box for **"Verify after download**". Press **UPGRADE** button.

Supports Download Can Detach Enter DFU mode/HID detach		Manifestation to Accelerated Up Leave DFU	lerant load (ST) Pro	plication Mode: ndor ID: cuct ID: /ersion:	DFU Mode: Vendor ID: 0483 Procuct ID: DF11 Version: 2200	
Actions Select Target(s):	Target Id 00 01	Name Internal Flash Option Bytes		Available Sectors 64 sectors 1 sectors	: (Double Clic	ck for more
Upload Action File: Choose.	U	File Ve	grade or Verify A :: 8rel_ :ndor ID: 0483 :cuct ID: 0000	v4.dfu Targets in fi		
Transferred data 0 KB(0 Bytes) of			Version: 0000)
	Operation duration 00:00:00		opumze opyra) Verify

5. After successfull upgrade you see the following screen.

IfuSe Demo (v3	.0.5)					_		\times
- Available DFU Devi	ices							
STM Device in DFU Mode \sim				blication Mode:	DFU Mod		_	
		ition tolerant ed Upload (ST) Pr		dor ID:	Vendor ID: 0483 Procuct ID: DF11 Version: 2200			
Enter DFU mode/HID detach			DFU mode			V GI SIOI I.	2200	
Actions								
Select Target(s): Target Id Name 00 Internal F		Name Internal Fl	ash		Available Sectors 64 sectors	(Double Clic	k for more	9
	01	Option By	.es		1 sectors			
Upload Action			Upgrade or V					
File:		File: 8rel_v4.dfu						
Choose Upload		vendorite.	0483 Targets in file: 0000 ST					
Transferred data size		Version:	0000					
61 KB(62568 Bytes) of 61 KB(62568 Bytes)		✓ Verify after download □ Optimize Upgrade duration (Remove some FFs)						
Operation duration 00:00:07		Choose	Jpgra	Upgrade		Verify		
		Targe	t 00: Verify s	ucc	essful !			
Abort							Qui	t