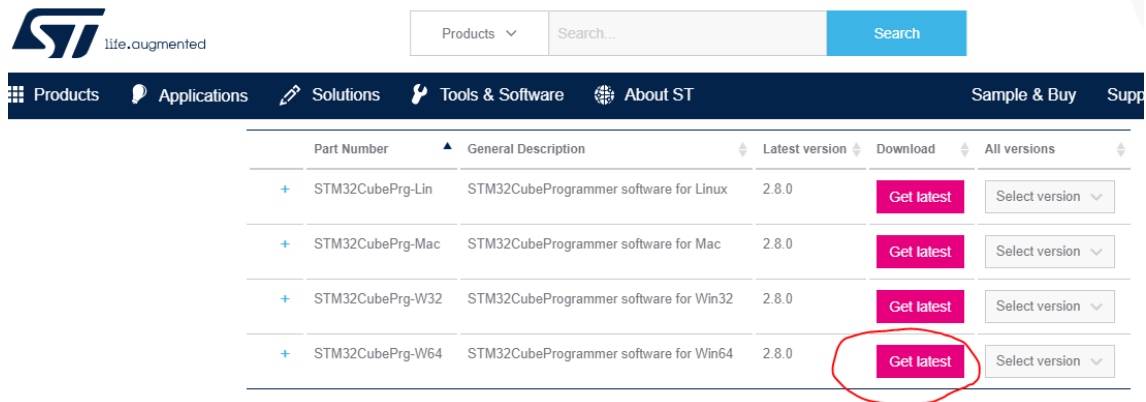


TUTORIAL GRAVAÇÃO FIRMWARE CORTEX NOVA BI7-MAX

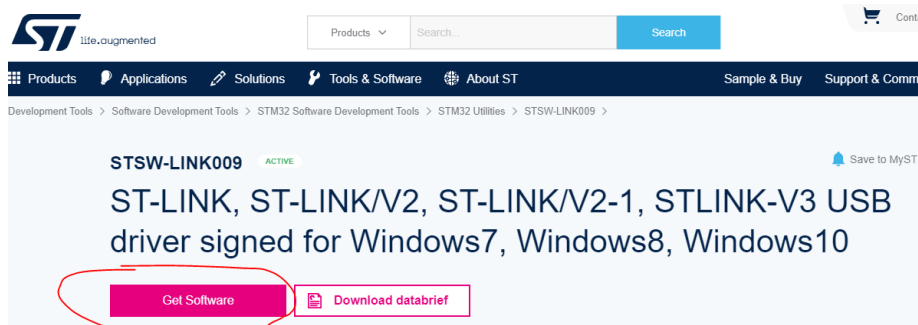
Baixar e instalar o software STM32CubeProgrammer

<https://www.st.com/en/development-tools/stm32cubeprog.html>

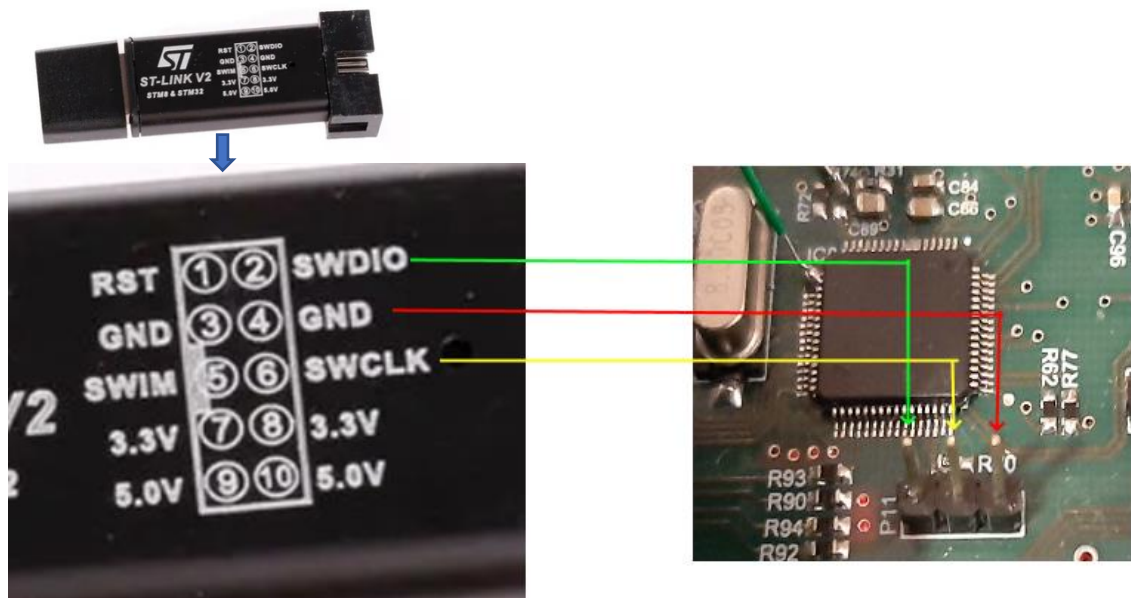


Baixar e instalar o driver da usb:

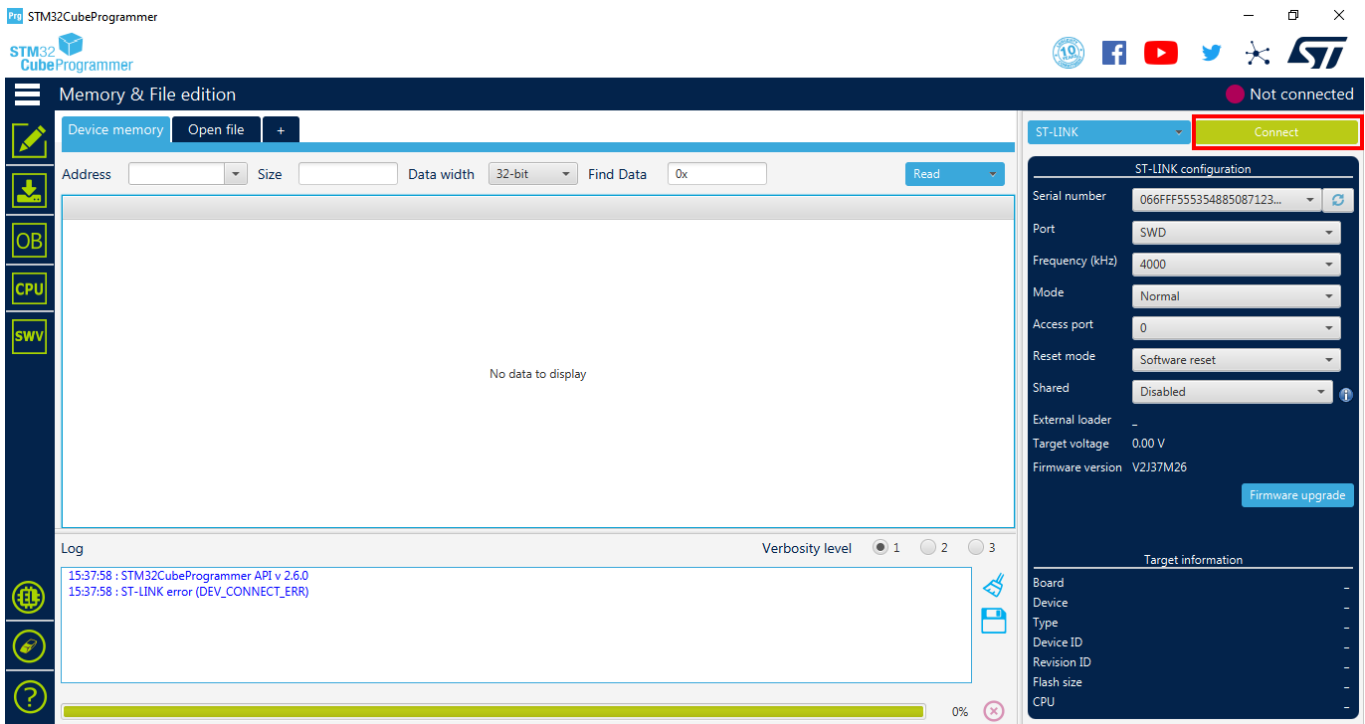
<https://www.st.com/en/development-tools/stsw-link009.html>



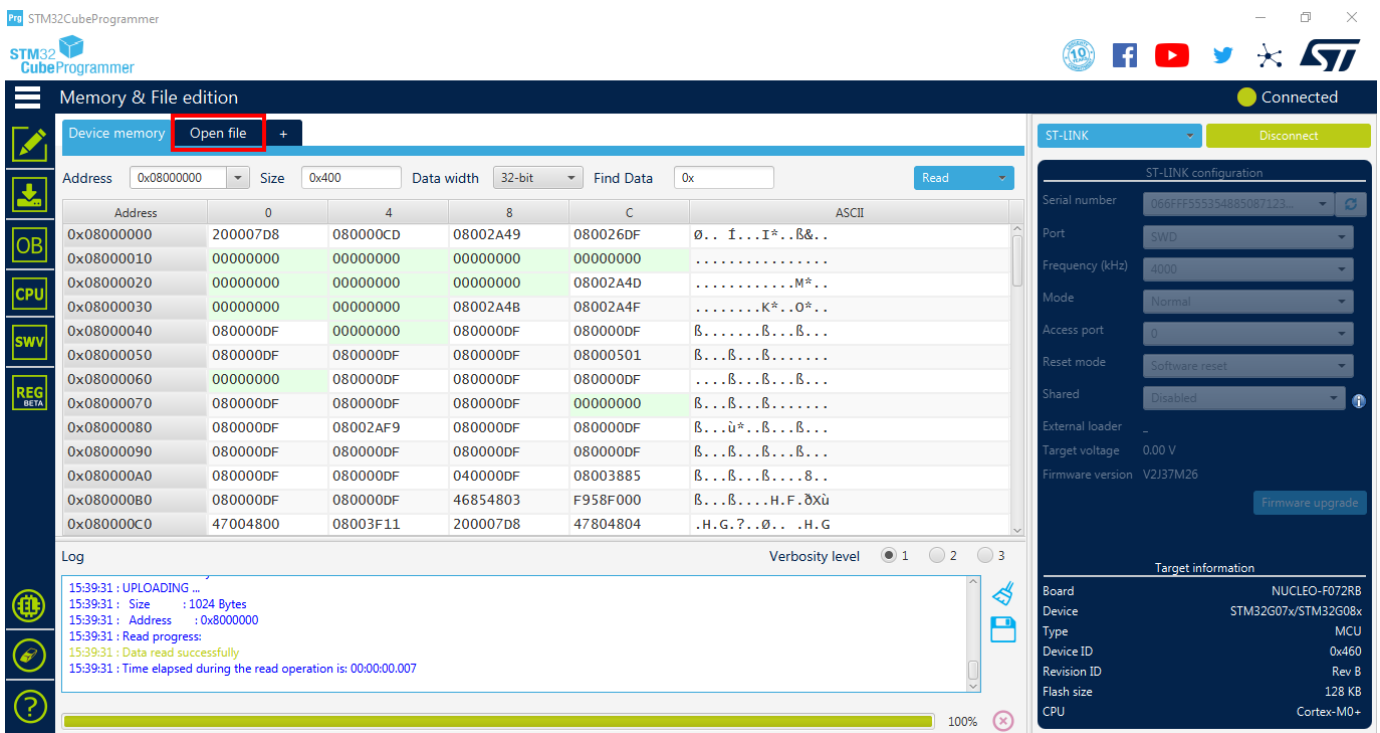
Conexão do gravador com a placa:



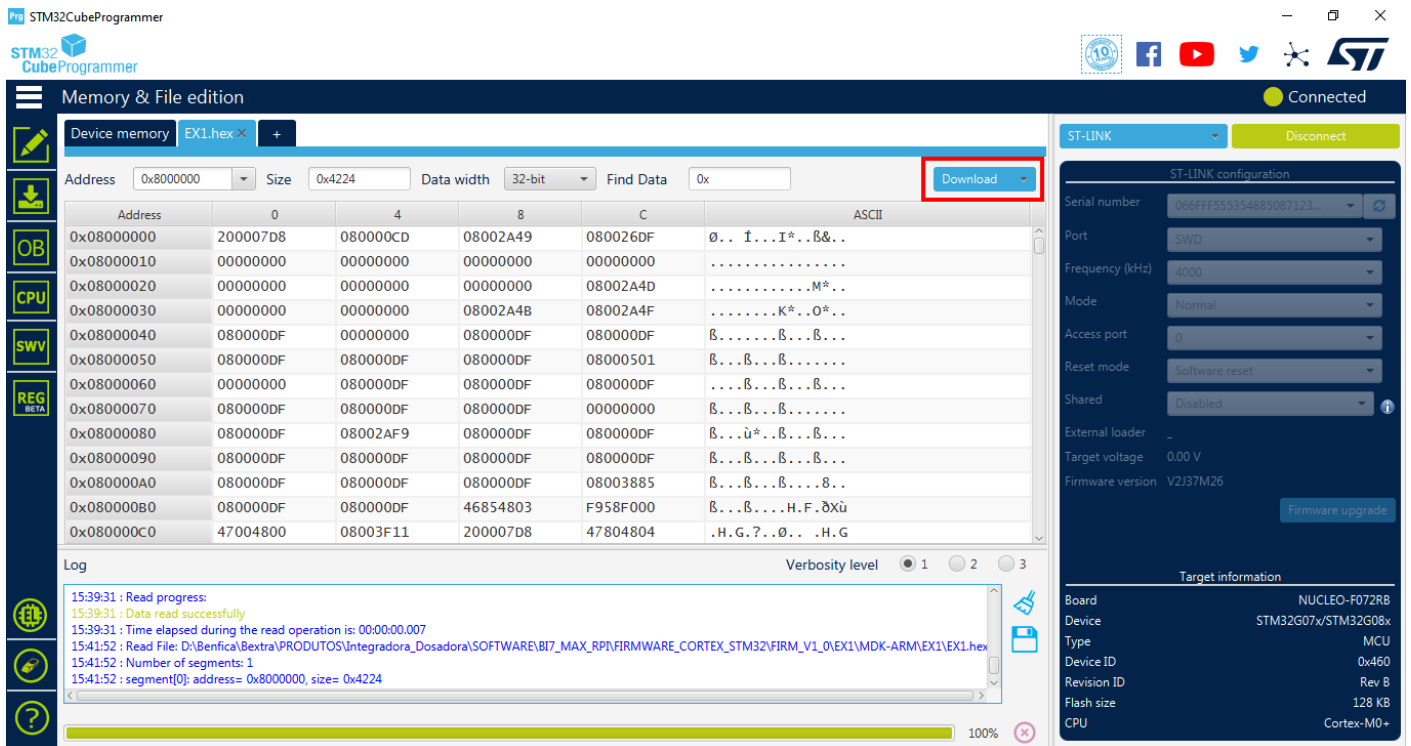
Abra o STM32CubeProg:



Após conectado clique em open file e selecione o firmware com extensão .hex



Clique em Download:



STM32CubeProgrammer

Memory & File edition

Device memory: EX1.hex

Address: 0x8000000 | Size: 0x4224 | Data width: 32-bit | Find Data: 0x

Download

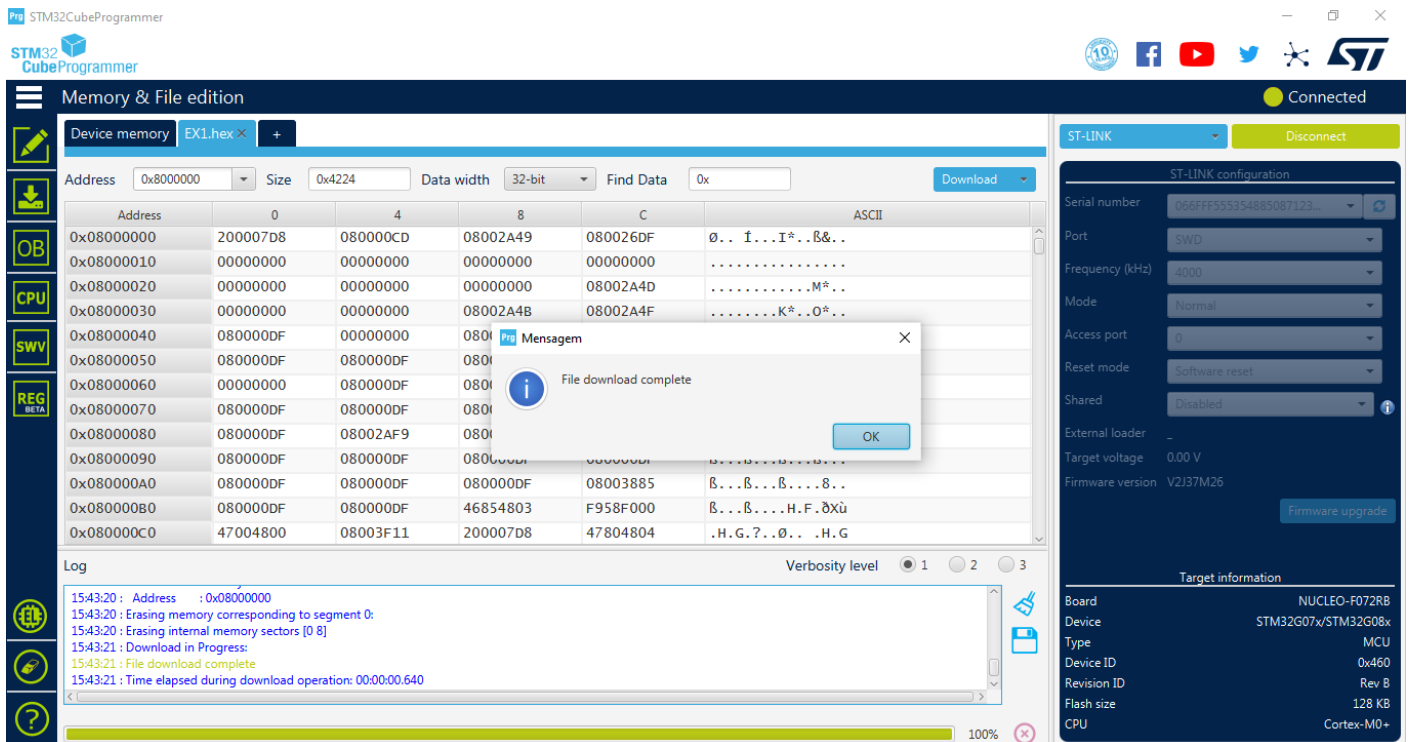
Address	0	4	8	C	ASCII
0x08000000	200007D8	080000CD	08002A49	080026DF	Ø..f...I*..B&..
0x08000010	00000000	00000000	00000000	00000000
0x08000020	00000000	00000000	00000000	08002A4DM*..
0x08000030	00000000	00000000	08002A4B	08002A4FK*..O*..
0x08000040	080000DF	00000000	080000DF	080000DF	B...B...B...
0x08000050	080000DF	080000DF	080000DF	08000501	B...B...B...
0x08000060	00000000	080000DF	080000DF	080000DF	...B...B...B...
0x08000070	080000DF	080000DF	080000DF	00000000	B...B...B...
0x08000080	080000DF	08002AF9	080000DF	080000DF	B...ù*..B...B...
0x08000090	080000DF	080000DF	080000DF	080000DF	B...B...B...B...
0x080000A0	080000DF	080000DF	080000DF	08003885	B...B...B...8..
0x080000B0	080000DF	080000DF	46854803	F958F000	B...B...H.F.ðXù
0x080000C0	47004800	08003F11	200007D8	47804804	.H.G.?..Ø..H.G

Log

15:39:31 : Read progress:
 15:39:31 : Data read successfully
 15:39:31 : Time elapsed during the read operation is: 00:00:00.007
 15:41:52 : Read File: D:\Benfica\Bextra\PRODUTOS\Integradora\SOFTWARE\BIT_MAX_RP\FIRMWARE\CORTEX_STM32\FIRM_V1_0\EX1\MDK-ARM\EX1\EX1.hex
 15:41:52 : Number of segments: 1
 15:41:52 : segment[0]: address= 0x8000000, size= 0x4224

100%

Após gravado o firmware deverá aparecer a tela:



STM32CubeProgrammer

Memory & File edition

Device memory: EX1.hex

Address: 0x8000000 | Size: 0x4224 | Data width: 32-bit | Find Data: 0x

Download

Address	0	4	8	C	ASCII
0x08000000	200007D8	080000CD	08002A49	080026DF	Ø..f...I*..B&..
0x08000010	00000000	00000000	00000000	00000000
0x08000020	00000000	00000000	00000000	08002A4DM*..
0x08000030	00000000	00000000	08002A4B	08002A4FK*..O*..
0x08000040	080000DF	00000000	080000DF	080000DF	B...B...B...
0x08000050	080000DF	080000DF	080000DF	08000501	B...B...B...
0x08000060	00000000	080000DF	080000DF	080000DF	...B...B...B...
0x08000070	080000DF	080000DF	080000DF	00000000	B...B...B...
0x08000080	080000DF	08002AF9	080000DF	080000DF	B...ù*..B...B...
0x08000090	080000DF	080000DF	080000DF	080000DF	B...B...B...B...
0x080000A0	080000DF	080000DF	080000DF	08003885	B...B...B...8..
0x080000B0	080000DF	080000DF	46854803	F958F000	B...B...H.F.ðXù
0x080000C0	47004800	08003F11	200007D8	47804804	.H.G.?..Ø..H.G

Log

15:43:20 : Address : 0x08000000
 15:43:20 : Erasing memory corresponding to segment 0:
 15:43:20 : Erasing internal memory sectors [0 8]
 15:43:21 : Download in Progress:
 15:43:21 : File download complete
 15:43:21 : Time elapsed during download operation: 00:00:00.640

100%