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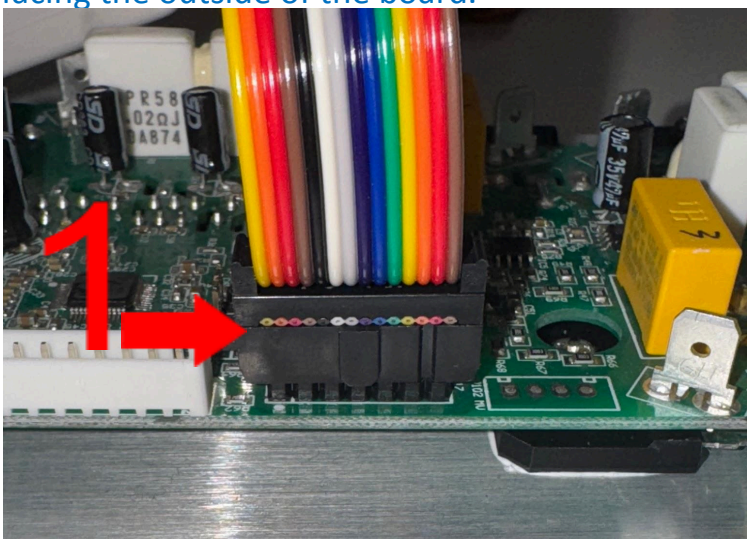
9. Verify that the procedure has been completed correctly.
10. Problems

CLICK HERE TO SEE THE VIDEO TUTORIAL ON CANVA:

1- Install the software

TI UniFlash

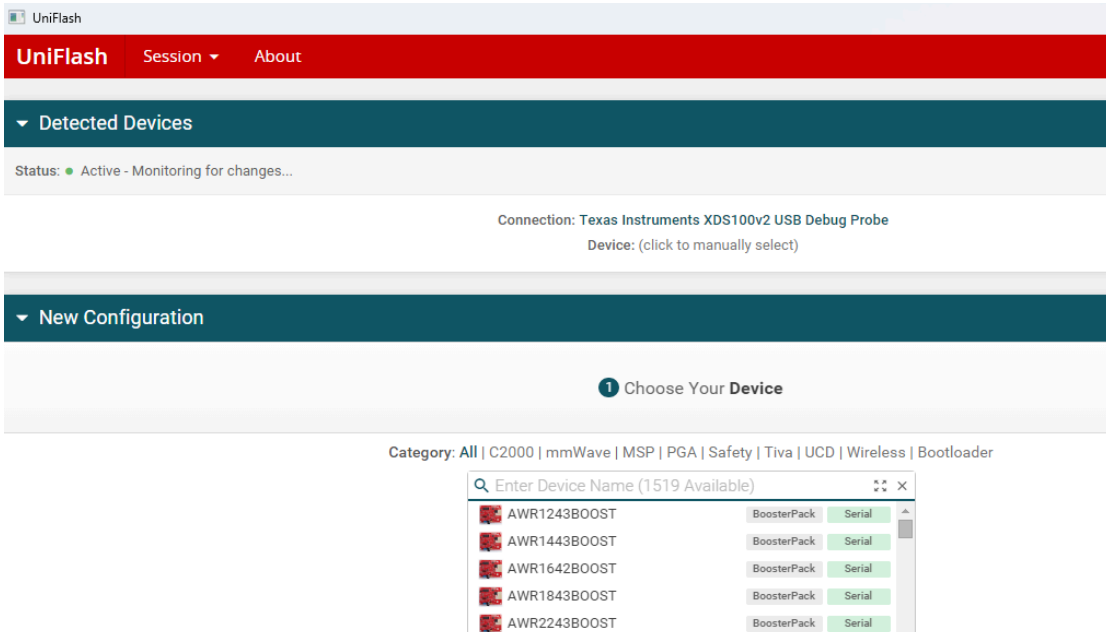
2- Open the unit and connect the programmer (**N000020A**). The left end goes into the computer's USB port, while the right end connects to the Driver Board. The connector must be plugged in this way, with the raised part facing the outside of the board.



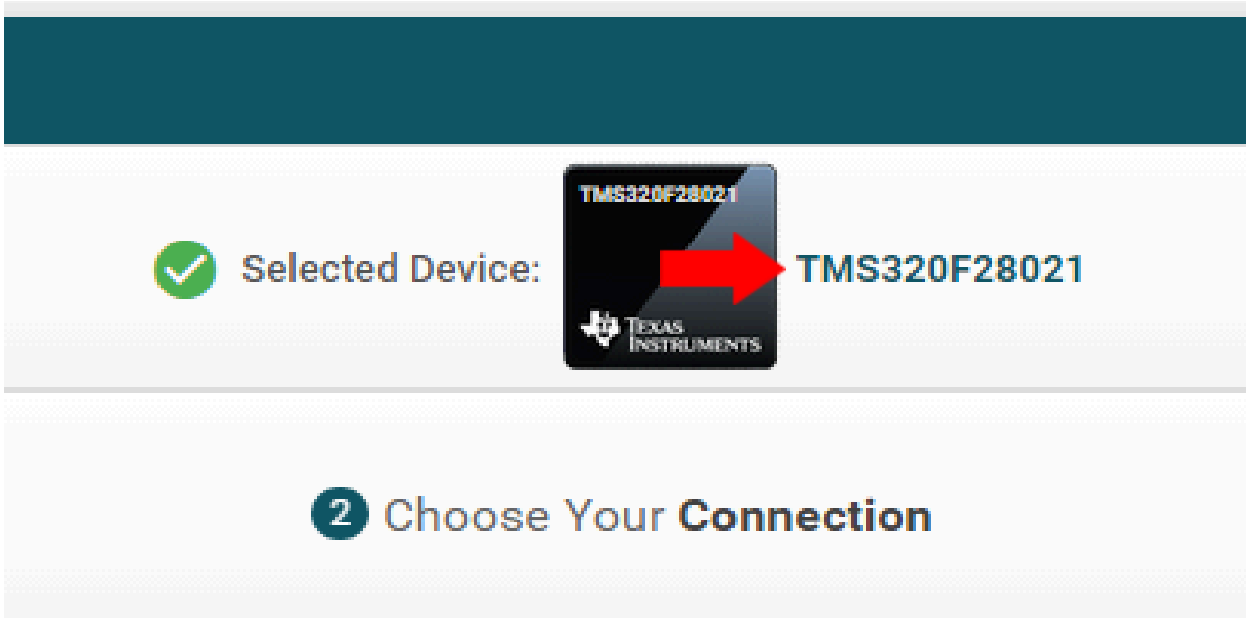
1



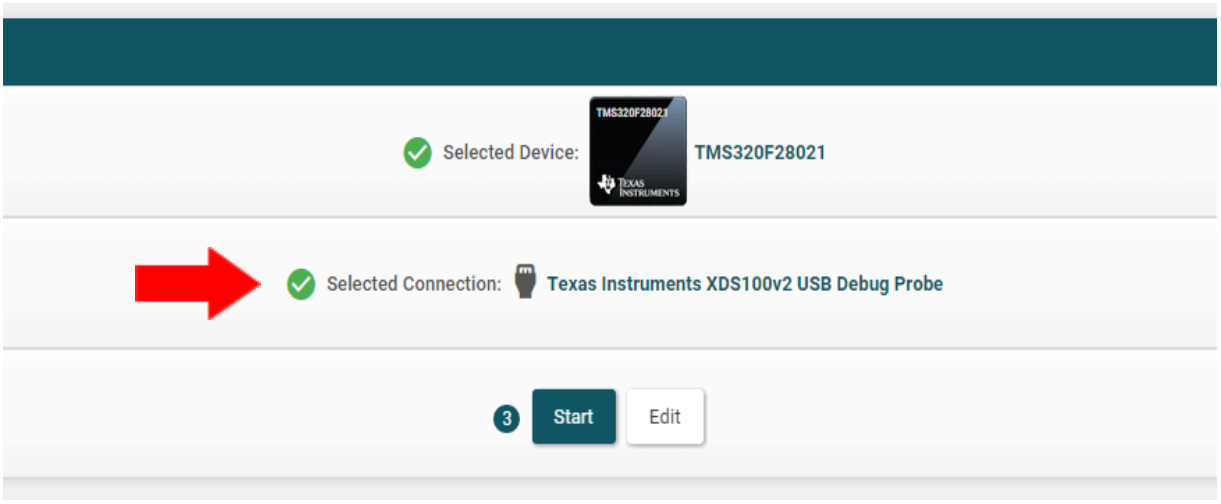
3- Open the Unflash program.



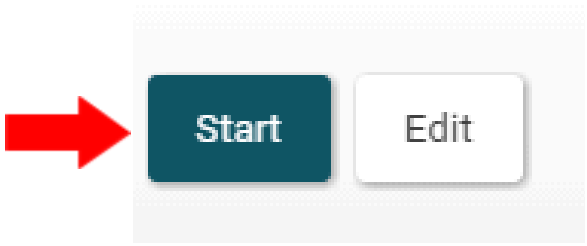
4- Select the Driver (TMS320F28021).



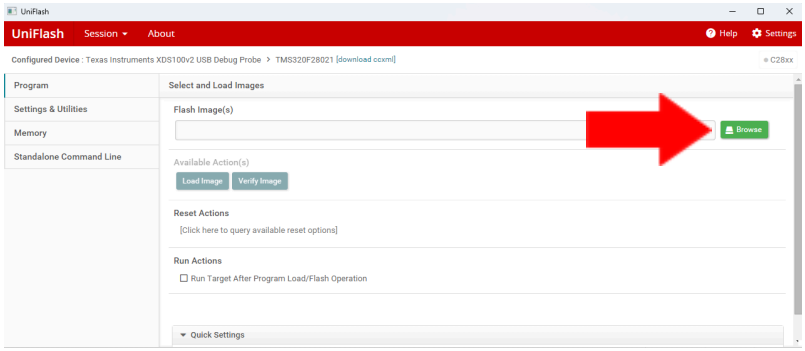
5- Select the Texas XDS100V2 programmer.

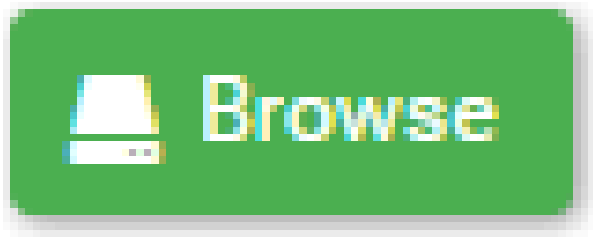

Selected Device:
TMS320F28021
Selected Connection:
Texas Instruments XDS100v2 USB Debug Probe
3
Start
Edit

6- Press Start.

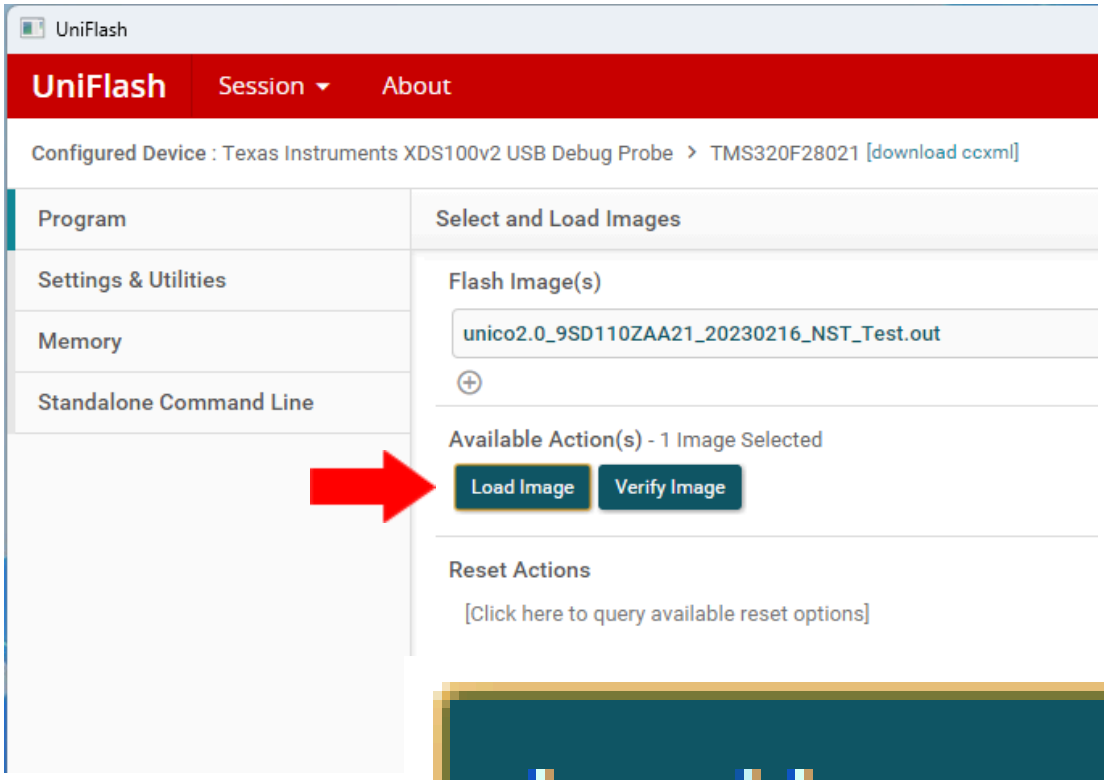


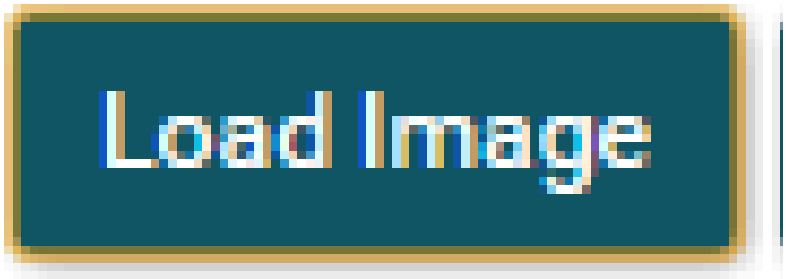
7- Click the green Browse button and select the compressor file.



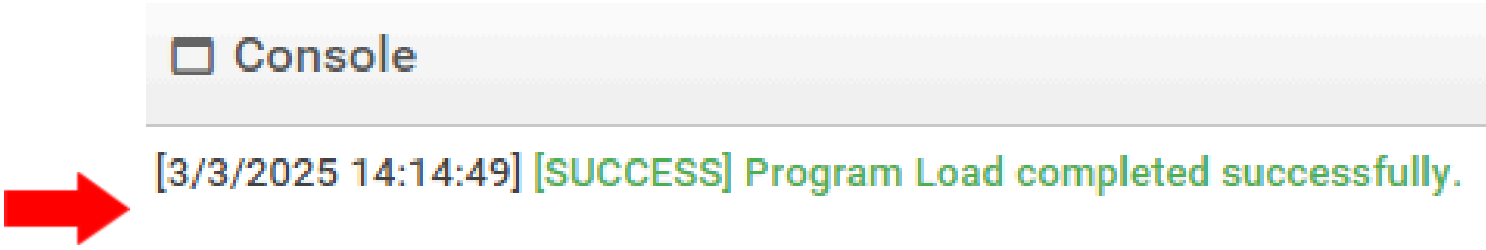


8- Finally, click Load Image.





9- If everything has been successful, this message will appear.



ALL THESE OPERATIONS MUST BE COORDINATED WITH EPHOCA. A WRONG OPERATION COULD DAMAGE THE BOARD.

10- PROBLEMS

NUMBER	STATUS	PROBLEM	SOLUTION
10a	Unit power off or on	No communication.	Check that the programmer is correctly connected to the board.
10b	Unit power off or on	No communication.	Check that the code TMS320F28021 is correct
10c	Unit power off or on	No communication.	Check that the code of the

			programmer is correct
10d	Unit power on or off	No communication.	Check using Verify Image.

10a- Check that the programmer is correctly connected to the board. Go to POINT 2 to see how:

10b- Check that the code is set up correctly (TMS320F28021). Go to POINT 4 to see how:

10c- Check that the code of the programmer is set up correctly (XDS100V2). Go to POINT 5 to see how:

10d- Check using Verify Image if the parameters are ok. Go to POINT 8 to see how, but click on “Verify Image” instead of “Load Image”.

If communication has not been established, replace the Driver Board.