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Data.LOAD returns the warning "xxx bytes dropped"?

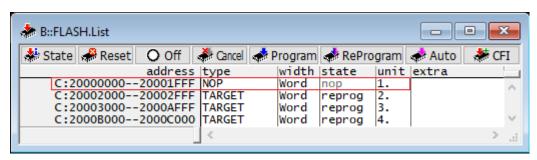
2025-10-09 - Comments (0) - Flash programming

This warning is displayed during the FLASH programming process after calling the command Data.LOAD.



It informs you that your file will not be fully programmed into the FLASH memory.

You can check the *FLASH.List* and *sYmbol.List.MAP* windows, then you can see that these bytes are discarded because of the NOP protection.



B::sYmbol.List.MAP				×
address	load order	logical	physical	
ST:1FFFC0001FFFCAE7	1.	ST:1FFFC0001FFFCAE7	AST:1FFFC0001FFFCAE7	^
ST:2000000020000047	2.	ST:2000000020000047	AST:2000000020000047	V
	<			>

Notes:

- Sensitive FLASH sectors are declared as NOP sectors to protect them from unintended overwrite.
- FLASH.CHANGETYPE command can be used if you would like to program a sensitive sector.
- For more details, you should refer to the norflash.pdf manual.