## This is FIRST SWAP

Just before first SWAP
We have (check image below):

- $0 \times 8000=\{0 \times 11,0 \times 12 \ldots\}$
- $0 x 108000=\{0 x 00,0 x 01 \ldots\}$


We have (check image below):

- $0 \times 8000=\{0 \times 00,0 \times 01 \ldots\}$
- $0 \times 108000=\{0 \times 11,0 \times 12 \ldots\}$

So SWAP was OK, now we are in UPPER


## This is SECOND SWAP

1) Write 16 values at the $0 \times 8000$

2) Write 16 values at $0 \times 10 \_8000$


## 3) Execute SWAP command:

4) PROBLEM: System reset is never executed

Please note that there is a breakpoint at line 313 (NVIC_SystemReset) but it is never reached because the SWAP state machine blocks at kFTFx_SwapStateUpdate (it remains always in this state)


