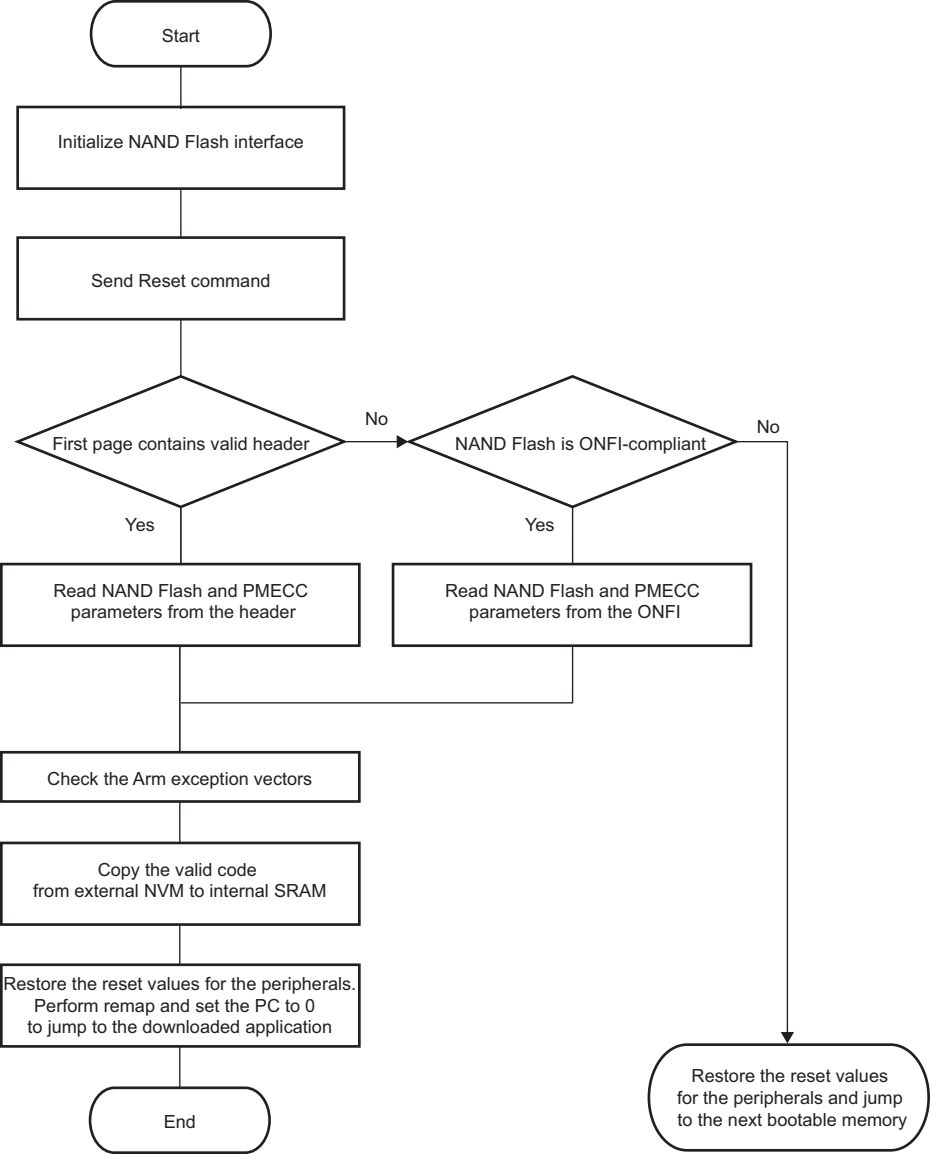
Start
Initialize NAND Flash interface
Send Reset command
First page contains valid header
No
NAND Flash is ONFI-compliant
No
Yes
Yes
Read NAND Flash and PMECC parameters from the header
Read NAND Flash and PMECC parameters from the ONFI
Check the Arm exception vectors
Copy the valid code from external NVM to internal SRAM
Restore the reset values for the peripherals. Perform remap and set the PC to 0 to jump to the downloaded application
End
Restore the reset values for the peripherals and jump to the next bootable memory