



Start

Initialize NAND Flash interface

Send Reset command

A valid header is at the beginning of the first page

No

Yes

Retrieve NAND Flash and PMECC parameters from the header

Arm exception vectors are valid?

No

Yes

Copy the valid code from external NVM to internal SRAM0

Restore reset values for the peripherals. Perform remap and set the PC to 0 to jump to the downloaded application

End

Restore the RESET values of the NAND Flash interface and PIOs and continue to the next step in the boot sequence