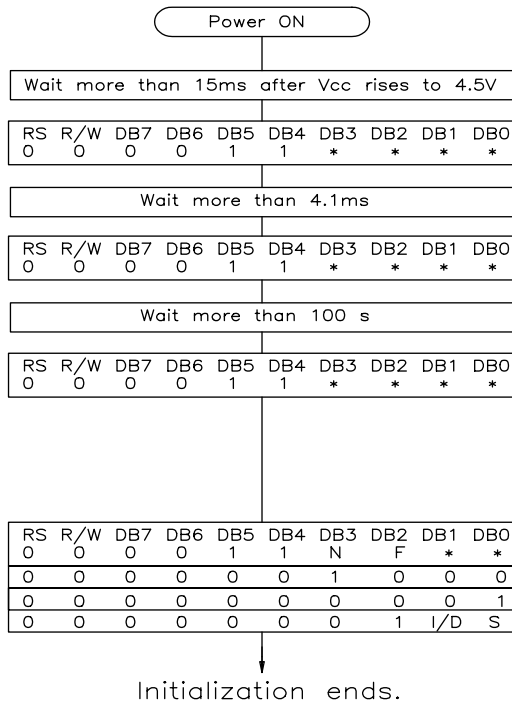




## INITIALIZING BY INSTRUCTION

If the power supply conditions for correctly operating the internal reset circuit are not met, initialization by instruction is required.

(1) When interface is 8 bits



When interface is 8-bit long.

BF cannot be checked before this instruction.  
function set (interface is 8 bits long).

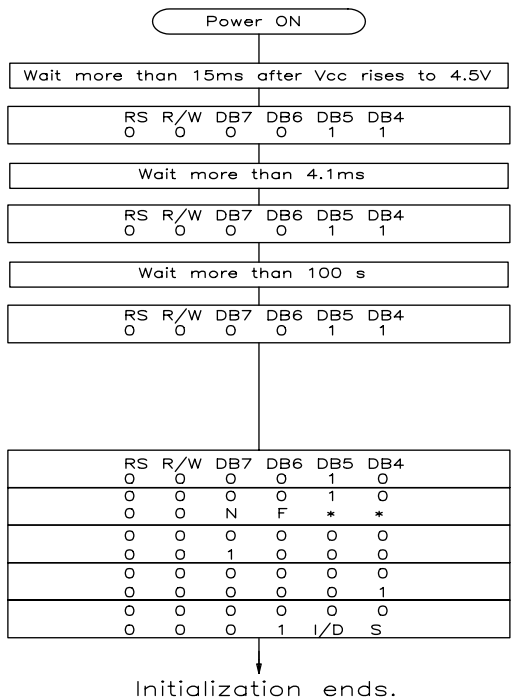
BF cannot be checked before this instruction.  
function set (interface is 8 bits long).

BF cannot be checked before this instruction.  
function set (interface is 8 bits long).

BF cannot be checked after the following instructions.  
When BF is not checked, the waiting time between  
instructions is longer than the execution time.

Function Set (interface is 8 bits long. Specify the  
number of display lines and character font). The  
number of display lines and character be changed  
afterwards.  
Display OFF  
Display ON  
Entry Mode Set

(1) When interface is 4 bits



When interface is 4-bit long.

BF cannot be checked before this instruction.  
function set (interface is 4 bits long).

BF cannot be checked before this instruction.  
function set (interface is 4 bits long).

BF cannot be checked before this instruction.  
function set (interface is 4 bits long).

BF cannot be checked after the following instructions.  
When BF is not checked, the waiting time between  
instructions is longer than the execution time.

Function Set (interface is 4 bits long. Specify the  
number of display lines and character font). The  
number of display lines and character be changed  
afterwards.

Display OFF

Display ON

Entry Mode Set