

Character Mode Liquid Crystal Display Module Initialization by Instruction (8-bit data interface)

Notes:
 RS = 0 to select the Instruction register.
 R/W = 0 so that data is written to the LCD module.

The second 100 μs time delay is not documented, this figure is speculation, it may be possible to check the busy flag here.

N and F must be set in the first non-special Function Set instruction and cannot be changed subsequently

All time delays specified after the Function Set are based on worst case instruction execution time (clock may be as low as 190 kHz).

The first Display ON/OFF Control instruction should probably be performed as specified (some programmers set D, C, and B here).

