INITIALIZATION PROCEDURE **POWER ON POWER ON** INITIALIZATION BY SETTING THE SOFTWARE [CHARACTER TYPE LCM]. REFERE TO FIGURES 1 AND 2 FOR PROCEDURES ON 8-BIT AND 4-BIT WAIT FOR MORE THAN 30MS WAIT FOR MORE THAN 30MS INITIALIZATION ACCORDINGLY. AFTER VCC RISES TO 4.5V AFTER VCC RISES TO 4.5V RS R/W DB7 DB6 DB5 DB4 DB3 DB2 DB1 DB0 RS R/W DB7 DB6 DB5 DB4 BE CANNOT BE CHECKED BEFORE THIS INSTRUCTION. 0 0 0 0 1 1 * * * * FUNCTION SET INTERFACE IS 8 BITS LONG. 0 0 0 0 1 1 WAIT FOR MORE THAN 4.1µS WAIT FOR MORE THAN 4.1µS RS R/W DB7 DB6 DB5 DB4 DB3 DB2 DB1 DB0 RS R/W DB7 DB6 DB5 DB4 BF CANNOT BE CHECKED BEFORE THIS INSTRUCTION. 0 0 0 0 1 1 * * * FUNCTION SET INTERFACE IS 8 BITS LONG. 0 0 0 0 1 1 WAIT FOR MORE THAN 100µS WAIT FOR MORE THAN 100µS RS R/W DB7 DB6 DB5 DB4 DB3 DB2 DB1 DB0 RS R/W DB7 DB6 DB5 DB4 BF CANNOT BE CHECKED BEFORE THIS INSTRUCTION. 0 0 1 1 * /* /*/ FUNCTION SET INTERFACE IS 8 BITS LONG. 0 0 0 0 1 1 BF CAN BE CHECKED AFTER THE FOLLOWING INSTRUCTIONS. IF THE BF IS NOT CHECKED. THE WAITING TIME BETWEEN INSTRUCTIONS IS LONGER THAN THE INSTRUCTION EXECUTION TIME RS R/W DB7 DB6 DB5 DB4 RS R/W DB7 DB6 DB5 DB4 DB3 DB2 DB1 DB0 FUNCTION SET [INTERFACE IS 8 BITS LONG. THE NUMBER OF DISPLAY LINES AND CHARACTERS IS SPECIFIED 0 0 0 0 1 1 N F * 0 0 0 0 1 0 NEITHER CANNOT BE CHANGED AFTERWARDS]. 0 0 0 0 0 0 1 0 0 0 DISPLAY OFF F * * Ν DISPLAY CLEAR — 0 0 0 0 0 0 0 0 1 0 ENTRY MODE SET ~ 0 0 0 0 0 0 0 1 I/D S 0 0 [COND.: FOSC=270KHZ] 0 0 0 0 0 0 0 0 1 INITIALIZATION ENDS 0 0 0 0 0 0 0 0 1 I/D S INITIALIZATION ENDS FIGURE1: 8-BIT INTERFACE FIGURE2: 4-BIT INTERFACE THIS DATA SHEET IS FOR REFERENCE ONLY. WE RESERVE THE RIGHT TO CHANGES AND IMPROVMENTS WITHOUT PRIOR NOTICE. INITIALIZATION PROCEDURE ON 8-BIT AND 4-BIT ΤΟΟΣΕ Tel.: +49 89 89979764 Email: info@dst-gmbh.de

INITIALIZING AV CHARACTER MODULES

Fax: +49 89 89979765



Internet: www.dst-ambh.de

INTERFACES OF STANDARD CHARACTER MODULES.

IYNI