ABSTRACT

Method of driving a liquid crystal display device

A method of driving a liquid crystal that has a memory capability, wherein a reset voltage is initially applied to the liquid crystal during a reset period, to bring about a Frederick's transition in the liquid crystal. During a subsequent selection period, a selection voltage that is selected on the basis of a critical value that brings about one of two metastables states in the liquid crystal is applied to the liquid crystal, and, during a nonselection period that follows the selection period, a nonselection voltage that is less than or equal to a threshold value that maintains two metastable states is applied to the liquid crystal. A delay period is provided between the reset period and the selection period, in order to gain effective timing for applying the selection voltage to the liquid crystal after the application of the reset voltage has been turned off. This shortens the length of the selection period, and hence the write time.

Fig.2.