

ABSTRACT**LIQUID CRYSTAL DISPLAY**

The invention relates to an active matrix liquid crystal display device based on voltage control (non-zero driving voltage) of the birefringence (negative or positive) of the liquid crystal cell. In the device a ground (earth) plate comprises a piece of glass 'e' with a transparent conductive coating 'f', such as iridium tin oxide. A silicon wafer 'g' with integrated circuits on it has a coating of polymer 'h' for aligning liquid crystal molecules 'i'. The coated glass 'e' also has a coating 'j' for aligning the liquid crystal molecules.

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