DISPLAY DRIVER SYSTEM AND METHOD FOR DRIVING DISPLAYS

ABSTRACT OF THE DISCLOSURE

A display driver system (1) having a scan driver (2) coupled to decoding circuitry (9), the scan driver has a plurality of parallel scan outputs (4) for driving a Liquid Crystal Display (6), The scan driver (2) cyclically provides pulses offset from each other on different scan outputs (4), wherein at least some of these pulses adjacent in the time domain overlap. The display driver system (1) has a pulse width modulation driver (3) coupled to decoding circuitry (13), the pulse width modulation driver (3) has a plurality of parallel modulation outputs (5) for driving the Liquid Crystal Display (6). The pulse width modulation driver (3) is adapted to cyclically provide pulse width modulated signals on the modulation outputs (5), and at least some of the pulse width modulated signals adjacent in the time domain are modulated by at least part of a common signal.

Figure 1 accompanies this abstract.