AN AMPLIFIER WITH PIXEL VOLTAGE COMPENSATION FOR A DISPLAY

ABSTRACT

A liquid crystal display includes pixels that are arranged in columns and rows. Data line drivers responsive to a video signal develop output signals in data lines that correspond with the columns, respectively. An adjustment data line driver is provided. The adjustment data line driver is responsive to a reference DC constant signal at a mid-range of the video signal. An output signal of the adjustment data line driver is coupled to the other data line drivers in a negative feedback manner to compensate for output signal variations in the other data line drivers.

FIGURE 4