

Title (en)

DIGITAL DRIVING IMPLEMENTATION AT MULTIPLE REFERENCE LIGHT INTENSITIES

Title (de)

DIGITALE ANSTEUERUNGSIMPLEMENTIERUNG BEI MEHREREN REFERENZLICHTINTENSITÄTEN

Title (fr)

MISE EN OEUVRE DE LA COMMANDE NUMÉRIQUE À DES INTENSITÉS LUMINEUSES DE RÉFÉRENCE MULTIPLES

Publication

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Application

EP 18180080 A 20180627

Priority

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Abstract (en)

[origin: EP3588479A1] A driver system for driving pixels of an active matrix display and a method related thereto are disclosed. The driver system comprises at least one power supply line pair having first and second power supply lines (311, 312). Each power supply line pair comprises an ordered sequence of contact point pairs (306, 307) distributed over its length. Circuit elements (300, 400) are connected to a data line (313) and to the contact point pairs. During use, the circuit elements are driven at pre-determined current levels through its corresponding contact points, there being at least three such pre-determined current levels selectable via a received data signal. Also provided is a voltage drop calculation unit (30) for calculating voltage drops at the level of each circuit element. A voltage drop causing a deviation of the current levels from their pre-determined values, at least one voltage drop compensation unit (109, 119) is provided for compensating the calculated voltage drops at each circuit element by way of providing a data compensation signal on a data line. A method of calibrating voltage drop compensation signals is also described.

IPC 8 full level

G09G 3/3208 (2016.01)

CPC (source: CN EP KR)

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