
Poster Presentation

[AMDp2]Active-Matrix Devices

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[AMDp2-10]An Analysis of Horizontal-Crosstalk in Colum Inversion Type 8Domain Large Size and Ultra High Resolution TFT- LCDs

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Keywords:Horizontal-Crosstalk, Data coupling, Share TFT discharge

Horizontal-crosstalk in colum inversion type 8Domain 75in 8K TFT-LCDs is theoretically studied, the mechanism for crosstalk is confirmed through experiment. The result show that the data coupling and share TFT discharge to common electrode cause line and block crosstalk respectively. The suggestions for reduce horizontal crosstalk are proposed.