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ABSTRACT OF THE INVENTION



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Display Device and Method of Manufacturing the Same

A display device includes a display area composed of pixels in a matrix. Each pixel has a light-emitting element and a driving element to supply a driving current to the light-emitting element. The driving element includes a thin film transistor with semiconductor layer 21 of a poly-crystalline film. Semiconductor layer 21 is provided with channel region 21C, and source and drain region 21S and 21D disposed on both sides of channel region 21C. Channel region 21C connects source region 21S to drain region 21D and has at least two conductive regions with different average grain sizes. Characteristics of the driving elements are made substantially uniform so that a display quality of the display device can be improved remarkably.

Fig. 2