

TITLE:

PIXEL CIRCUIT AND DRIVING METHOD THEREOF

ABSTRACT

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A pixel circuit and a driving method thereof are provided. The pixel circuit includes a capacitor, a reset circuit, a writing circuit, a driving circuit, and a light-emitting diode. The capacitor is coupled to a node. The reset circuit is controlled by a reset signal and is configured to reset a voltage at the node based on a reference voltage. The writing circuit
10 is controlled by a writing signal and is configured to write a gray-level voltage into the capacitor. The driving circuit is controlled by a driving signal and is configured to generate a driving current based on the voltage at the node to drive the light-emitting diode. An enabling period of the reset signal partially overlaps with an enabling period of the writing signal, so that the gray-level voltage is written into the capacitor while the reference
15 voltage is applied to the node.

FIG. 3