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**Jia-Yuan Chen**, Miaoli County (TW);  
**Tsung-Han Tsai**, Miaoli County (TW);  
**Kuan-Feng Lee**, Miaoli County (TW);  
**Chung-Wen Yen**, Miaoli County (TW)(73) Assignee: **Innolux Corporation**, Miaoli County (TW)(51) **Int. Cl.****H01L 25/16** (2006.01)**H01L 23/00** (2006.01)**G06V 40/13** (2006.01)(52) **U.S. Cl.**CPC ..... **H01L 25/167** (2013.01); **H01L 24/05**(2013.01); **G06V 40/1318** (2022.01); **H01L****24/16** (2013.01); **H01L 2224/16145** (2013.01);**H01L 2924/12041** (2013.01); **H01L****2224/05567** (2013.01); **H01L 2224/05624**(2013.01); **H01L 2224/05647** (2013.01); **H01L****2224/05668** (2013.01); **H01L 2224/05666**

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**ABSTRACT**

The disclosure provides an electronic device, including: a circuit substrate, an inorganic light emitting unit, and an opaque layer. The circuit substrate includes an optical sensor. The inorganic light emitting unit is disposed on the circuit substrate and is configured to emit a light. The opaque layer is disposed on the circuit substrate, including a first opening through which a portion of the light is transmitted to the optical sensor.

