

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2022/0386475 A1 Lin et al.

(43) **Pub. Date:**

Dec. 1, 2022

(54) MANUFACTURING METHOD OF **ELECTRONIC DEVICE**

(71) Applicant: Innolux Corporation, Miao-Li County

(72) Inventors: **Yi-Hung Lin**, Miao-Li County (TW); Hsiu-Yi Tsai, Miao-Li County (TW); Chin-Lung Ting, Miao-Li County (TW); Chung-Kuang Wei, Miao-Li

County (TW)

(73) Assignee: Innolux Corporation, Miao-Li County (TW)

(21) Appl. No.: 17/742,415

(22) Filed: May 12, 2022

Related U.S. Application Data

(60) Provisional application No. 63/195,183, filed on Jun. 1, 2021.

(30)Foreign Application Priority Data

Apr. 12, 2022 (CN) 202210380860.7

Publication Classification

(51) Int. Cl. H05K 3/32 (2006.01)H05K 1/02 (2006.01)

U.S. Cl.

CPC H05K 3/32 (2013.01); H05K 1/0268 (2013.01); H05K 2203/16 (2013.01); H05K 2201/10015 (2013.01); H05K 2201/10106 (2013.01)

(57)ABSTRACT

A manufacturing method of an electronic device is provided. The manufacturing method of the electronic device includes following steps: providing a substrate; bonding at least one electronic component to the substrate, wherein the at least one electronic component is mainly driven by a reverse bias in an operating mode; applying a forward bias to the at least one electronic component, and determining whether the at least one electronic component is normal or failed; and transporting the substrate configured with the at least one electronic component determined to be normal to a next production site or repairing the at least one electronic component determined to be failed.

