

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2023/0230837 A1 CHIANG

Jul. 20, 2023 (43) **Pub. Date:**

(54) SEMICONDUCTOR STRUCTURE AND METHOD OF FORMING THE SAME

(71) Applicant: Winbond Electronics Corp., Taichung City (TW)

Inventor: Chih-Yu CHIANG, Taichung City (TW)

Assignee: Winbond Electronics Corp., Taichung City (TW)

Appl. No.: 17/567,307 (21)

(22)Filed: Jan. 3, 2022

Publication Classification

(51) Int. Cl. (2006.01) (2006.01) H01L 21/033 H01L 23/544

(52) U.S. Cl.

CPC H01L 21/0338 (2013.01); H01L 21/0332 (2013.01); H01L 21/0335 (2013.01); H01L 21/0337 (2013.01); H01L 23/544 (2013.01); H01L 27/108 (2013.01)

(57)**ABSTRACT**

A semiconductor structure includes: a plurality of calibration reference features disposed on a substrate and spaced apart from each other in a first direction; and a plurality of columns of first active features and a plurality of columns of second active features respectively disposed on opposite sides of the calibration reference features, wherein each of the columns of first active features is spaced apart from each other in a second direction, each of the columns of second active features is spaced apart from each other in the second direction, and the calibration reference features, the first active features, and the second active features are disposed on the same layer and are a portion of the substrate.

