



US 20240237554A1

(19) **United States**

(12) **Patent Application Publication**  
**Lin et al.**

(10) **Pub. No.: US 2024/0237554 A1**

(43) **Pub. Date: Jul. 11, 2024**

(54) **SEMICONDUCTOR DEVICE AND METHOD  
FOR FABRICATING THE SAME**

(30) **Foreign Application Priority Data**

Sep. 13, 2021 (CN) ..... 202111067661.2

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**Publication Classification**

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(51) **Int. Cl.**  
**H10N 52/01** (2006.01)  
**H10B 61/00** (2006.01)  
**H10N 52/00** (2006.01)  
**H10N 52/80** (2006.01)

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(52) **U.S. Cl.**  
CPC ..... **H10N 52/01** (2023.02); **H10B 61/00**  
(2023.02); **H10N 52/00** (2023.02); **H10N**  
**52/80** (2023.02)

(21) Appl. No.: **18/611,729**

(22) Filed: **Mar. 21, 2024**

**Related U.S. Application Data**

(63) Continuation of application No. 17/500,971, filed on  
Oct. 14, 2021, now Pat. No. 11,968,910.

(57) **ABSTRACT**

A semiconductor device includes a magnetic tunneling junction (MTJ) on a substrate, a first spin orbit torque (SOT) layer on the MTJ, a spacer adjacent to the MTJ and the first SOT layer, and a second SOT layer on the first SOT layer. Preferably, the first SOT layer and the second SOT layer are made of same material.

