

United States Patent [19]

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Kim et al.

[54] SEMICONDUCTOR MEMORY DEVICE

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- [73] Assignee: Samsung Electronics, Co., Ltd., Suwon, Rep. of Korea
- [21] Appl. No.: 769,615
- [22] Filed: Dec. 18, 1996
- [30] Foreign Application Priority Data
- Dec. 30, 1995 [KR] Rep. of Korea 95/69724
- [51] Int. Cl.⁶ G11C 7/00

[56]

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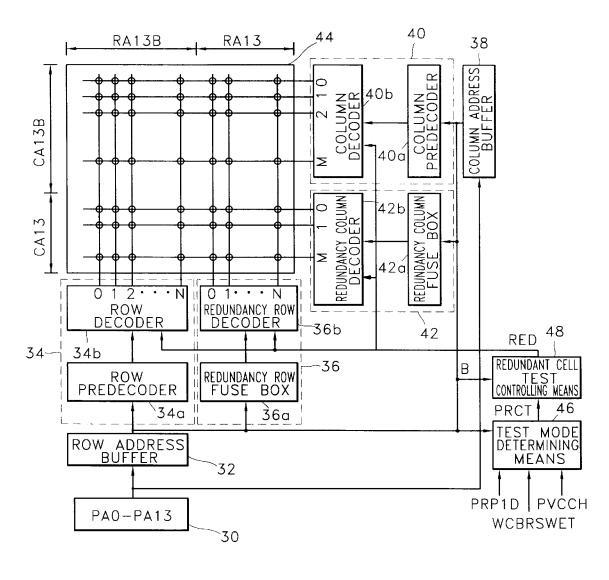
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[57] ABSTRACT

There is provided a semiconductor memory device which does not require an additional input pad to apply a signal for discriminating between a normal cell and a redundant cell. The semicodnuctor memory device has (claim 1). Therefore, the normal cell array or the redundant cell array is sequentially selected and tested by using the same input pad to which the bank select bit is input, without an additional pad.

11 Claims, 4 Drawing Sheets

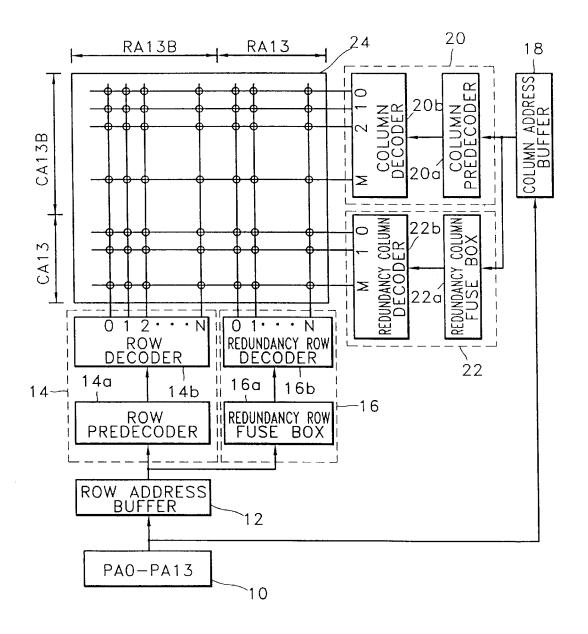


Apple – Ex. 1019

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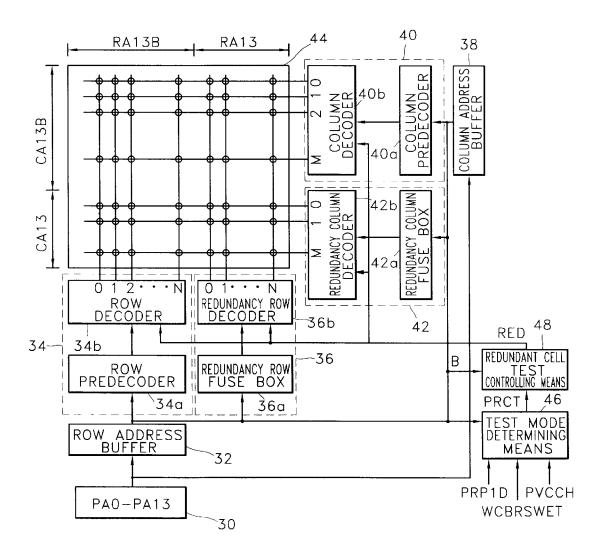
Α

FIG. 1 (PRIOR ART)



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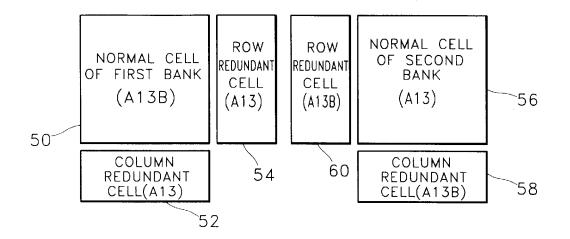
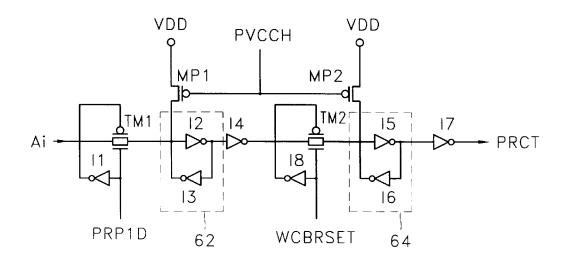
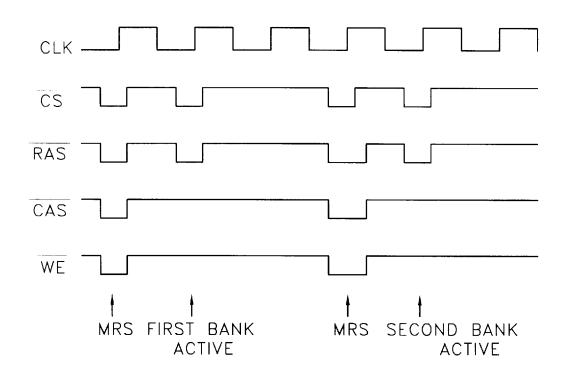


FIG. 4



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