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(54) **SEMICONDUCTOR DEVICE AND ELECTRONIC DEVICE**

(71) Applicant: **SEMICONDUCTOR ENERGY LABORATORY CO., LTD.,** ATSUGI-SHI (JP)

(72) Inventors: **Hajime KIMURA**, Atsugi (JP); **Yoshiyuki KUROKAWA**, Sagamihara (JP); **Tatsunori INOUE**, Isehara (JP)

(73) Assignee: **SEMICONDUCTOR ENERGY LABORATORY CO., LTD.,** ATSUGI-SHI (JP)

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(57) **ABSTRACT**

In a semiconductor device capable of product-sum operation, variations in transistor characteristics are reduced. The semiconductor device includes a first circuit including a driver unit, a correction unit, and a holding unit, and an inverter circuit. The first circuit has a function of generating an inverted signal of a signal input to an input terminal of the first circuit and outputting the inverted signal to an output terminal of the first circuit. The driver unit includes a p-channel first transistor and an n-channel second transistor having a back gate. The correction unit has a function of correcting the threshold voltage of one or both of the first transistor and the second transistor. The holding unit has a function of holding the potential of the back gate of the second transistor. The output terminal of the first circuit is electrically connected to an input terminal of the inverter circuit. The time from the input of a signal to the input terminal of the first circuit to the output of a signal from an output terminal of the inverter circuit depends on the potential of the back gate of the second transistor.

<u>110</u>