

ABSTRACT

A semiconductor device may include: channel pillars arranged in a first direction and a second direction intersecting the first direction
5 and having a first interval in the first direction and a second interval in the second direction, the first interval being smaller than the second interval; a select line surrounding the channel pillars arranged in the first direction and extending in the first direction; word lines stacked above the select line; and local bit lines penetrating through the word
10 lines and connected to the channel pillars.

FIG. 1A