ABSTRACT

ELECTRONIC DEVICE AND METHOD FOR MAUFACTURING ELECTRONIC DEVICE

A method for manufacturing an electronic device including a semiconductor memory may include forming a first carbon electrode material, surface-treating the first carbon electrode material to decrease a surface roughness of the first carbon electrode material, and forming a second carbon electrode material on the treated surface of the first carbon electrode material. The second carbon electrode material may have a thickness that is greater than a thickness of the first carbon electrode material.

FIG. 7B