ABSTRACT

ELECTRONIC DEVICE, METHOD OF MANUFACTURE OF THE SAME, AND SPUTTERING TARGET

In an electronic device comprising a first electrodes consisting of a metal oxide and a second electrode consisting of an aluminum alloy film directly contacted and electrically connected to the first electrode, the contact interface between the aluminum alloy film and the first electrode is constructed so that at least a part of alloy components constituting the aluminum alloy film exist as a precipitate or concentrated layer. This construction enables direct contact between the aluminum alloy film and the electrode consisting of a metallic oxide and allows elimination of a barrier metal in such an electronic device, and manufacturing technology therefor.