This Sheet Has Been Replaced

ANALOGUE MISFET WITH THRESHOLD VOLTAGE ADJUSTER

ABSTRACT OF THE DISCLOSURE

A threshold voltage or a channel potential of a MIS device can be set in an analogue fashion. A MIS device includes a multi-layer structure having a gate insulating film in which an oxide film, a nitride film and an oxide film are laminated in that order. The threshold voltage or channel potential of the MIS device can be controlled by an amount of electric charges injected into the nitride film.